

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075056.D
 Acq On : 28 Oct 2022 13:09
 Operator : JC\MD
 Sample : VN1028WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 01:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.818	128	14373	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	81344	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	76519	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	43399	33.023	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.067%#			
60) 4-Bromofluorobenzene	12.847	95	43267	28.778	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.933%			
63) Toluene-d8	10.571	98	129711	30.308	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	13277	18.976	ug/l	94
3) Chloromethane	2.377	50	20465	22.236	ug/l	89
4) Vinyl Chloride	2.524	62	28207	20.268	ug/l	97
5) Bromomethane	2.942	94	23578	21.428	ug/l	97
6) Chloroethane	3.118	64	21933	20.431	ug/l	100
7) Trichlorofluoromethane	3.501	101	33389	22.294	ug/l	92
8) Diethyl Ether	3.971	74	12524	20.338	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	19393	22.089	ug/l	60
10) 1,1-Dichloroethene	4.353	96	17734	21.536	ug/l	88
11) Methyl Iodide	4.595	142	25626	19.948	ug/l	99
12) Methyl Acetate	5.042	43	28512	20.440	ug/l	93
13) Acrolein	4.195	56	17150	100.378	ug/l	100
14) Acrylonitrile	5.730	53	59358	102.996	ug/l	95
15) Acetone	4.442	58	15226	94.564	ug/l	94
16) Carbon Disulfide	4.724	76	36919	20.366	ug/l	97
17) Allyl chloride	5.042	41	26000m	23.564	ug/l	
18) Methylene Chloride	5.277	84	21770	21.102	ug/l	91
19) trans-1,2-Dichloroethene	5.795	96	18800	20.536	ug/l	96
20) Diisopropyl ether	6.683	45	59020	20.609	ug/l	91
21) 1,1-Dichloroethane	6.577	63	37827	21.267	ug/l #	93
22) cis-1,2-Dichloroethene	7.494	96	23533	20.344	ug/l	98
23) tert-Butyl Alcohol	5.547	59	25127m	94.185	ug/l	
24) Methyl tert-Butyl Ether	5.812	73	69714	20.699	ug/l	92
25) Chloroform	7.971	83	41477	21.108	ug/l	97
26) Cyclohexane	8.259	56	28676	20.070	ug/l #	90
29) 1,1-Dichloropropene	8.377	75	27505	19.713	ug/l	99
30) 2-Butanone	7.494	43	78479	97.571	ug/l	96
31) 2,2-Dichloropropane	7.494	77	33255	19.512	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	36587	20.247	ug/l	100
33) Carbon Tetrachloride	8.371	117	30644	19.259	ug/l	97
34) Benzene	8.612	78	88088	20.651	ug/l	94
35) Methacrylonitrile	7.788	41	15715	20.385	ug/l	94
36) 1,2-Dichloroethane	8.677	62	33569	21.238	ug/l	100
37) Trichloroethene	9.359	130	21646	20.421	ug/l	96
38) Methylcyclohexane	9.600	83	33284	19.239	ug/l	96
39) 1,2-Dichloropropane	9.624	63	21542	20.061	ug/l	96
40) Dibromomethane	9.712	93	16567	20.335	ug/l	99
41) Bromodichloromethane	9.888	83	32441	20.453	ug/l #	96
42) Vinyl Acetate	6.612	43	256039m	113.012	ug/l	

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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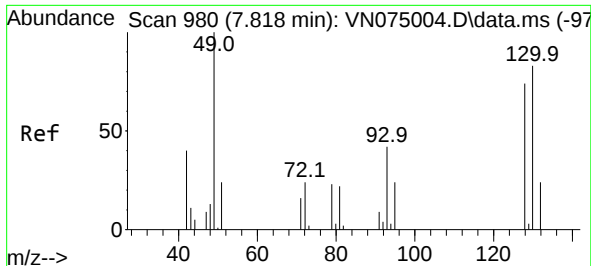
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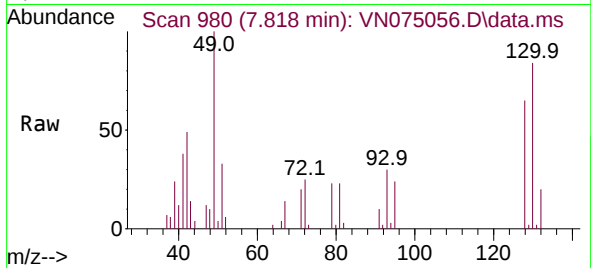
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	30805	19.379	ug/l	99
44) Isopropyl Acetate	8.694	43	50284	19.721	ug/l	96
45) 1,4-Dioxane	9.700	88	11511	366.782	ug/l #	90
46) Methyl methacrylate	9.682	41	23288	20.360	ug/l	91
47) n-amyl Acetate	12.494	43	40451	18.467	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	32766	18.909	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	36074	19.807	ug/l #	82
50) 1,1,2-Trichloroethane	11.018	97	24057	20.156	ug/l	95
51) Ethyl methacrylate	10.877	69	34789	18.707	ug/l	85
52) 1,3-Dichloropropane	11.165	76	40304	20.190	ug/l	98
53) Dibromochloromethane	11.365	129	24225	18.765	ug/l	96
54) 1,2-Dibromoethane	11.471	107	23577	19.093	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	75057	98.790	ug/l	98
56) Bromoform	12.582	173	16343	17.243	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	166238	100.720	ug/l	95
59) 2-Hexanone	11.200	43	126298	99.750	ug/l	96
61) Tetrachloroethene	11.100	164	18887	22.194	ug/l	95
62) Toluene	10.629	91	100636	20.313	ug/l	96
64) Chlorobenzene	11.894	112	60762	19.792	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	22944	19.563	ug/l	97
66) Ethyl Benzene	11.965	91	111029	19.885	ug/l	95
67) m/p-Xylenes	12.071	106	87557	39.101	ug/l	97
68) o-Xylene	12.400	106	42509	18.886	ug/l	98
69) Styrene	12.412	104	68828	18.698	ug/l	97
70) Isopropylbenzene	12.700	105	111355	18.988	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	36646	19.183	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	28439m	16.394	ug/l	
73) Bromobenzene	12.982	156	24099	18.461	ug/l	92
74) n-propylbenzene	13.035	91	129707	19.750	ug/l	100
75) 2-Chlorotoluene	13.129	91	78531	19.649	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	96179	19.360	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	10858	17.919	ug/l	94
78) 4-Chlorotoluene	13.223	91	75522	19.454	ug/l	96
79) tert-butylbenzene	13.441	119	82191	18.529	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	95055	18.810	ug/l #	81
81) sec-Butylbenzene	13.618	105	119343	19.138	ug/l	100
82) p-Isopropyltoluene	13.729	119	96151	18.277	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	46043	17.836	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	44795	17.986	ug/l	96
85) n-Butylbenzene	14.059	91	75546	17.904	ug/l	96
86) Hexachloroethane	14.335	117	16961	17.398	ug/l	94
87) 1,2-Dichlorobenzene	14.106	146	47422	18.572	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	7086	17.647	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	20867	18.502	ug/l	98
90) Hexachlorobutadiene	15.506	225	9865	19.019	ug/l	95
91) Naphthalene	15.641	128	74700	16.712	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	20519	17.973	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

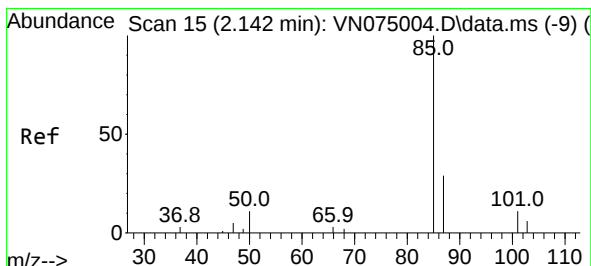
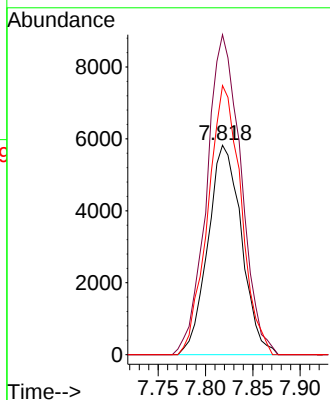
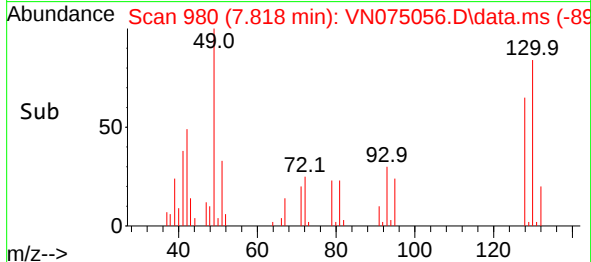
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



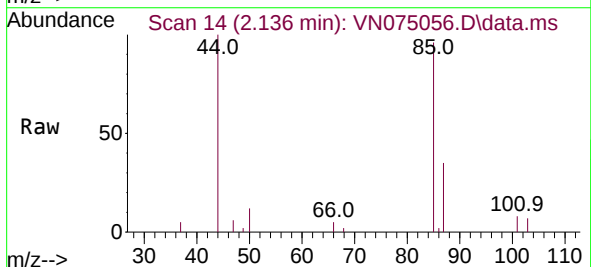
Tgt Ion:128 Resp: 1437
Ion Ratio Lower Upper
128 100
49 156.0 0.0 392.3
130 127.2 0.0 320.2

Manual Integrations
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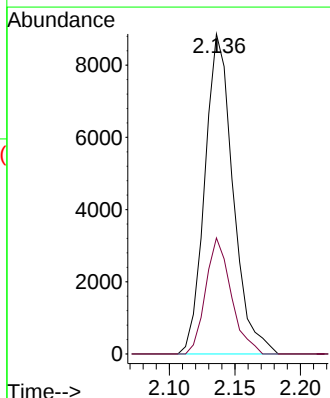
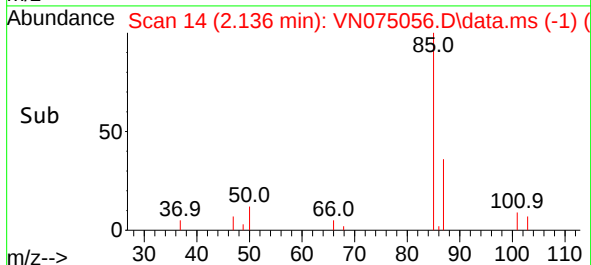
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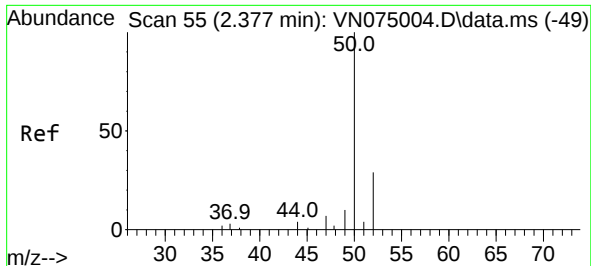


#2
Dichlorodifluoromethane
Concen: 18.976 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



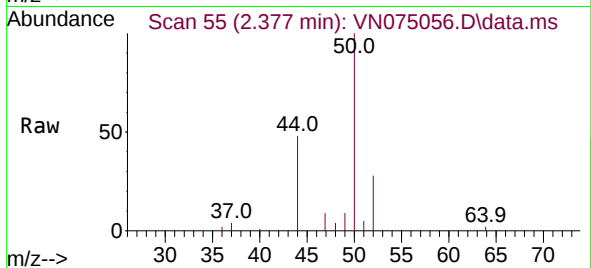
Tgt Ion: 85 Resp: 13277
Ion Ratio Lower Upper
85 100
87 36.2 16.6 49.7





#3
Chloromethane
Concen: 22.236 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

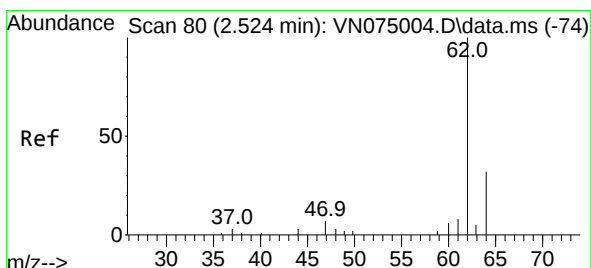
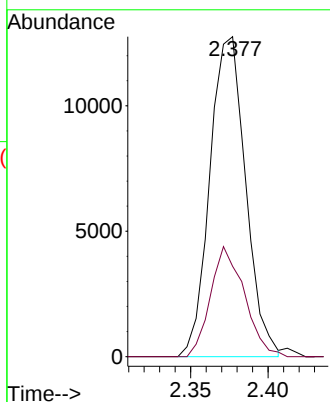
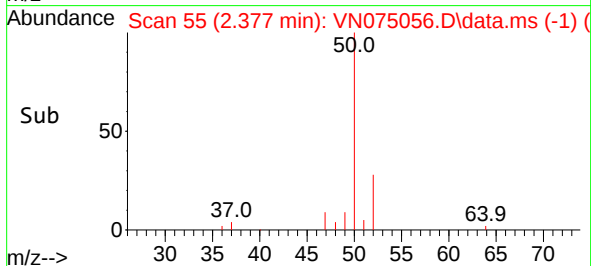
Instrument :
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ClientSampleId :
VN1028WBS01



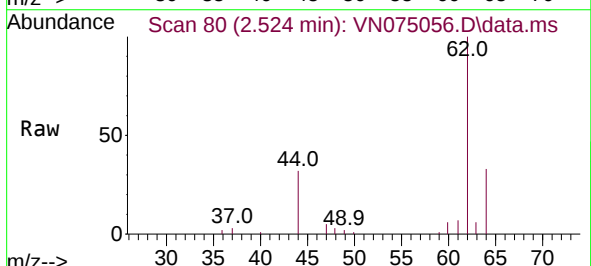
Tgt Ion: 50 Resp: 2046
Ion Ratio Lower Upper
50 100
52 28.2 27.8 41.6

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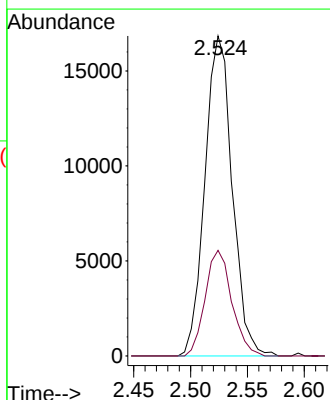
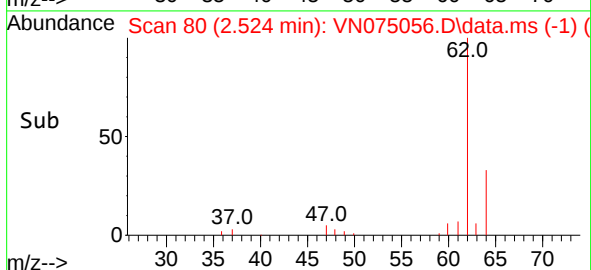
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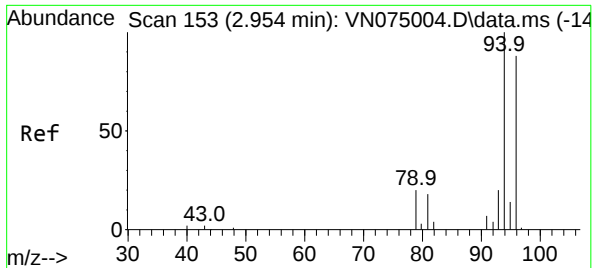


#4
Vinyl Chloride
Concen: 20.268 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



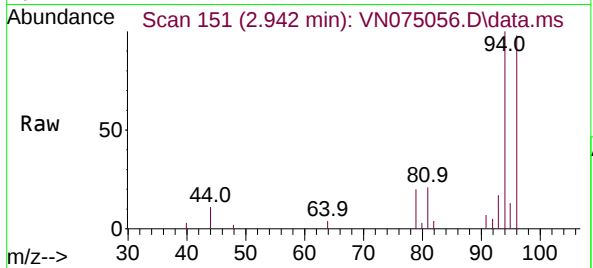
Tgt Ion: 62 Resp: 28207
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7





#5
Bromomethane
Concen: 21.428 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

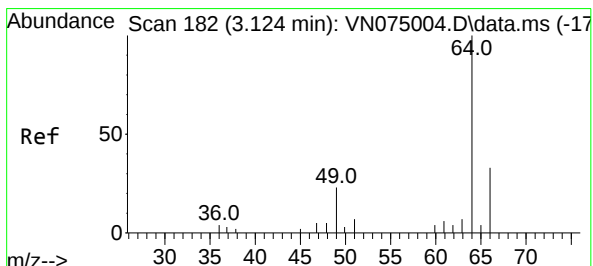
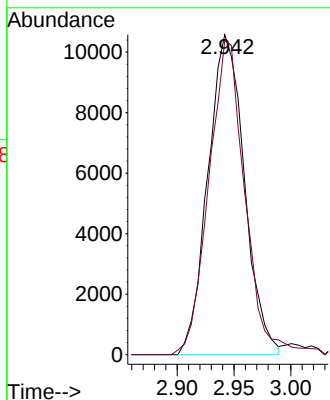
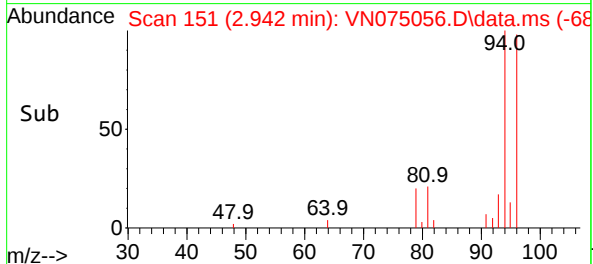
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 23578
Ion Ratio Lower Upper
94 100
96 96.7 75.2 112.8

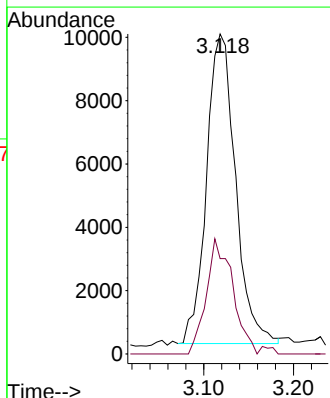
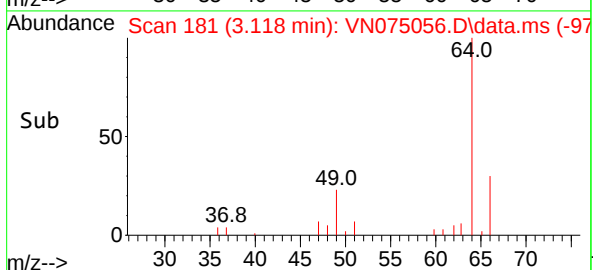
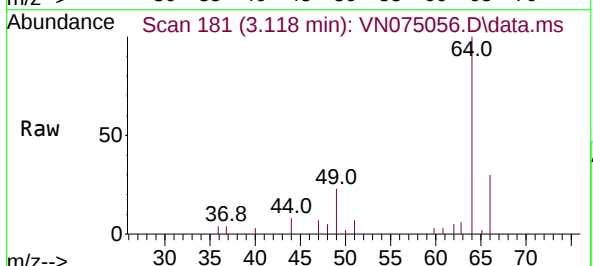
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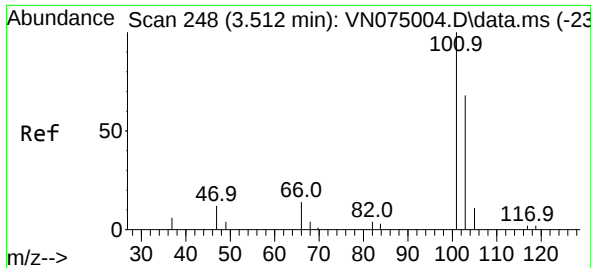
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 20.431 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 64 Resp: 21933
Ion Ratio Lower Upper
64 100
66 30.8 24.6 36.8





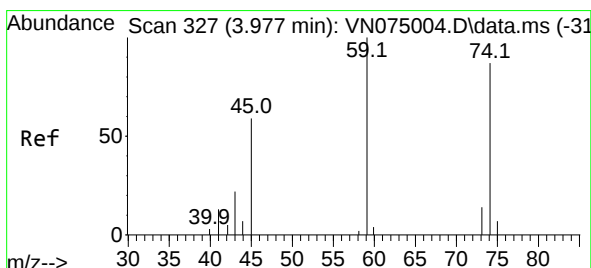
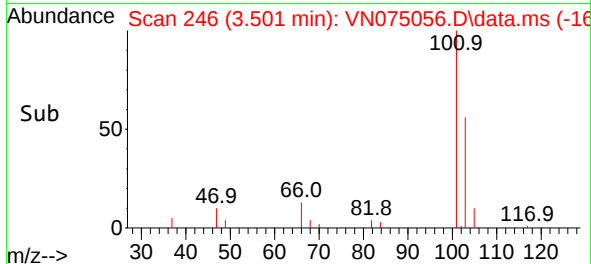
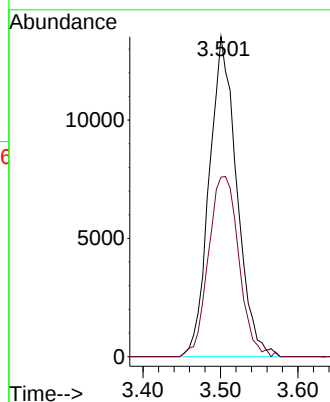
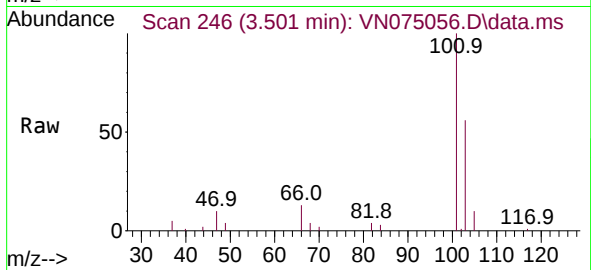
#7
Trichlorofluoromethane
Concen: 22.294 ug/l
RT: 3.501 min Scan# 248
Delta R.T. -0.012 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 33389
Ion Ratio Lower Upper
101 100
103 56.1 50.1 75.1

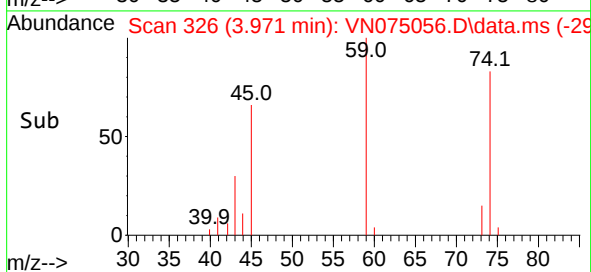
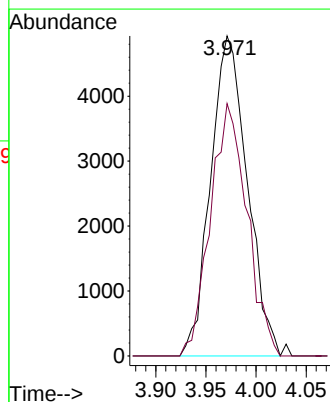
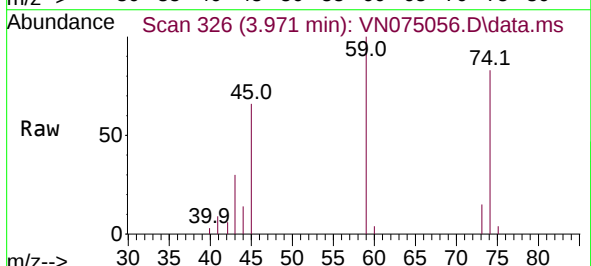
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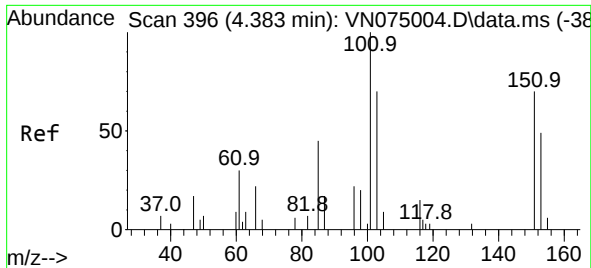
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Diethyl Ether
Concen: 20.338 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 74 Resp: 12524
Ion Ratio Lower Upper
74 100
45 78.7 17.6 158.8





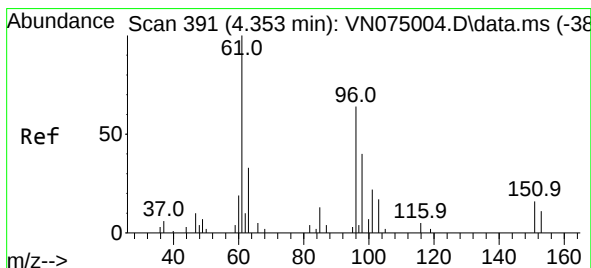
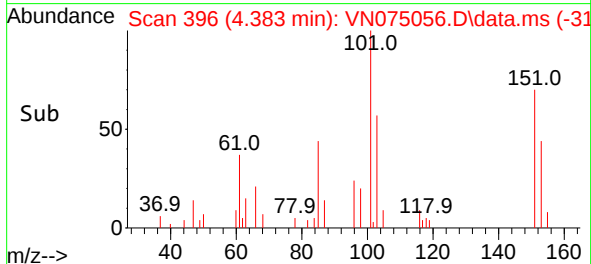
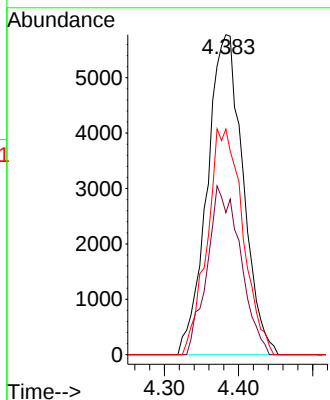
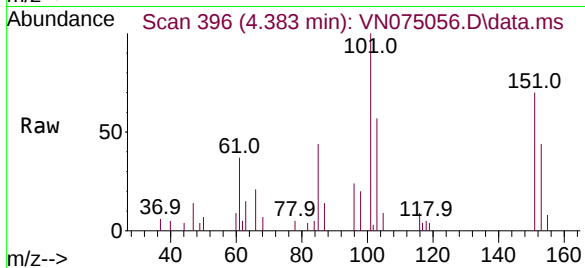
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.089 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion:101 Resp: 1939
Ion Ratio Lower Upper
101 100
85 28.3 0.0 94.0
151 70.0 0.0 74.6

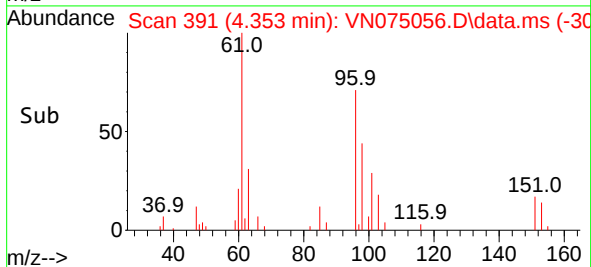
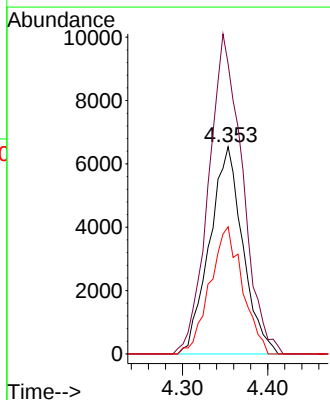
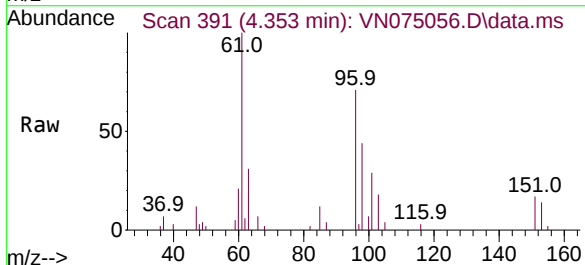
Manual Integrations
APPROVED

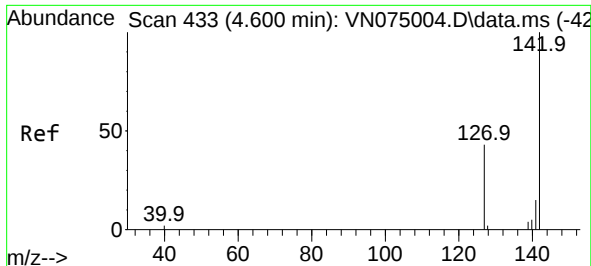
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
1,1-Dichloroethene
Concen: 21.536 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

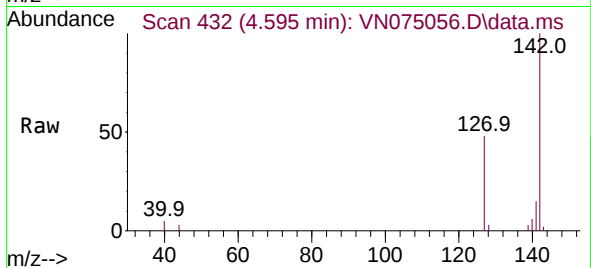
Tgt Ion: 96 Resp: 17734
Ion Ratio Lower Upper
96 100
61 137.4 126.2 189.4
98 61.4 50.9 76.3





#11
Methyl Iodide
Concen: 19.948 ug/l
RT: 4.595 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

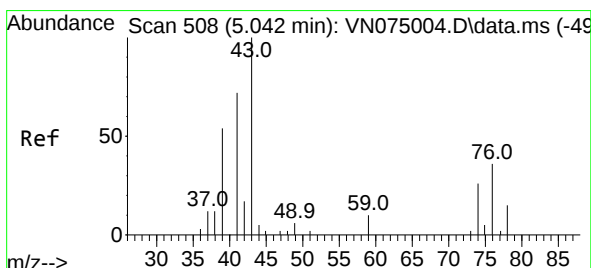
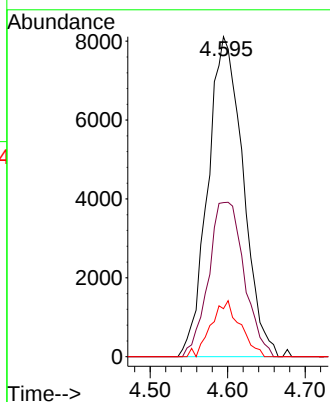
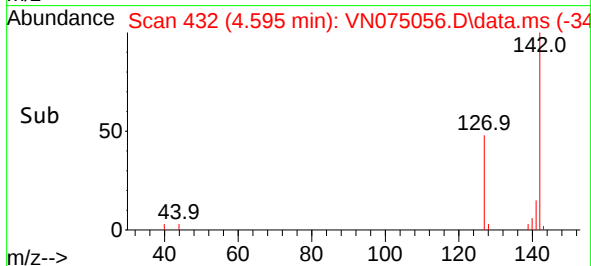
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion:142 Resp: 25620
Ion Ratio Lower Upper
142 100
127 48.1 24.0 72.0
141 15.0 8.4 25.2

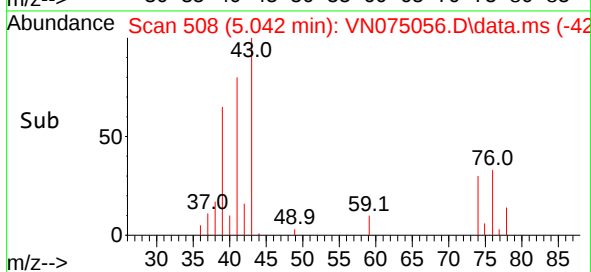
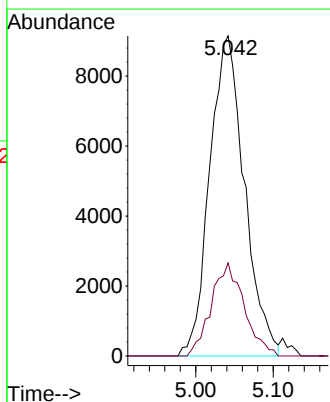
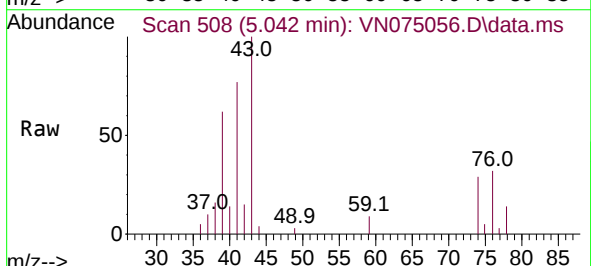
Manual Integrations
APPROVED

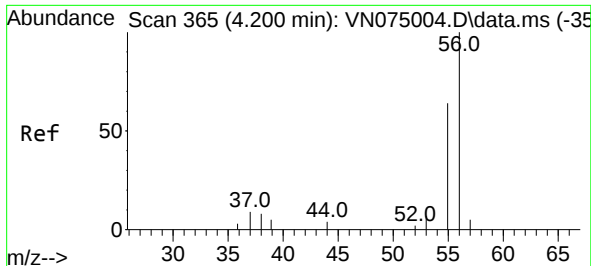
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
Methyl Acetate
Concen: 20.440 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

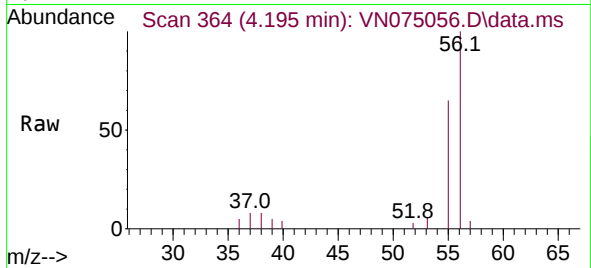
Tgt Ion: 43 Resp: 28512
Ion Ratio Lower Upper
43 100
74 29.6 20.8 31.2





#13
Acrolein
Concen: 100.378 ug/l
RT: 4.195 min Scan# 364
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

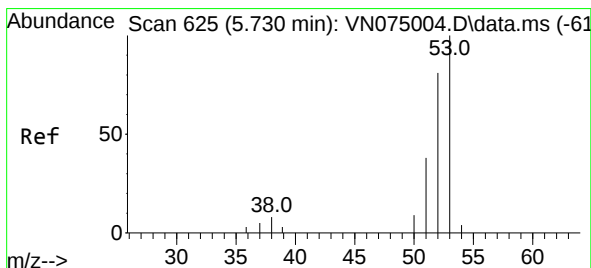
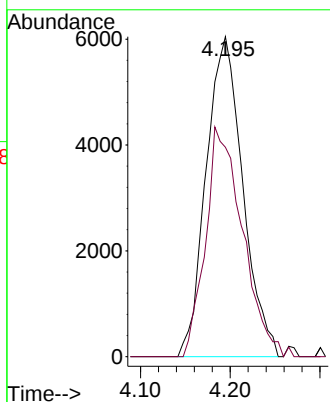
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion: 56 Resp: 17150
Ion Ratio Lower Upper
56 100
55 72.0 57.6 86.4

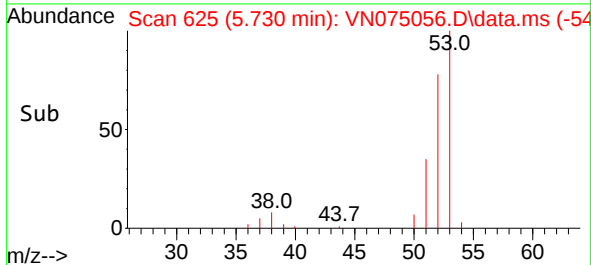
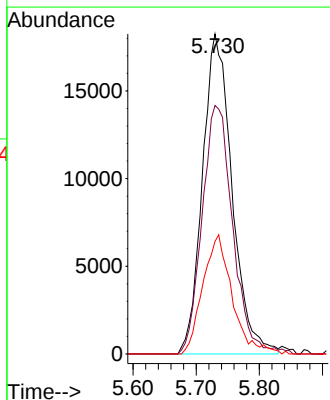
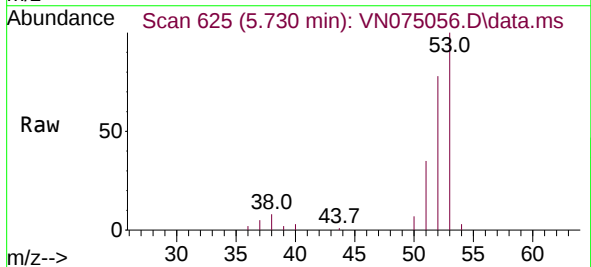
Manual Integrations
APPROVED

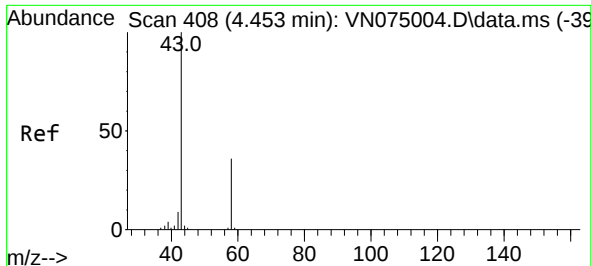
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Acrylonitrile
Concen: 102.996 ug/l
RT: 5.730 min Scan# 625
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

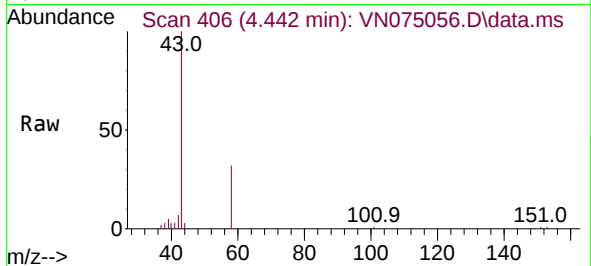
Tgt Ion: 53 Resp: 59358
Ion Ratio Lower Upper
53 100
52 79.5 41.8 125.4
51 34.9 19.0 57.0





#15
Acetone
Concen: 94.564 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.012 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

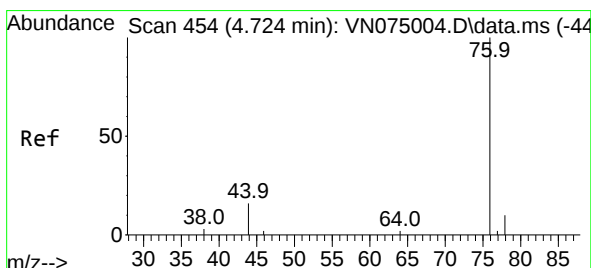
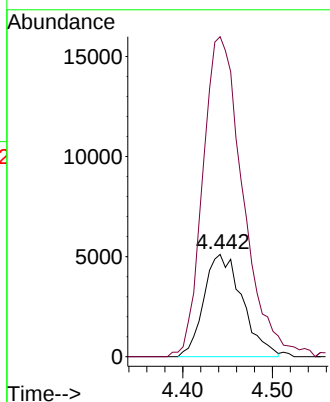
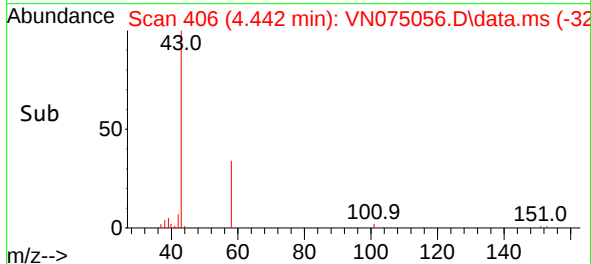
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



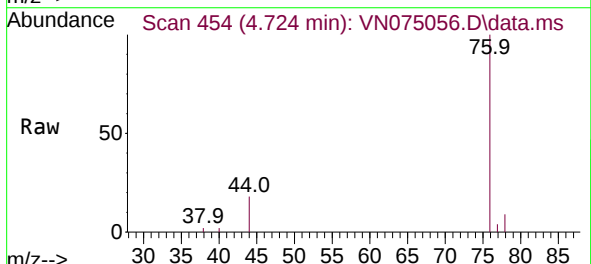
Tgt Ion: 58 Resp: 15220
Ion Ratio Lower Upper
58 100
43 308.5 256.6 384.8

Manual Integrations
APPROVED

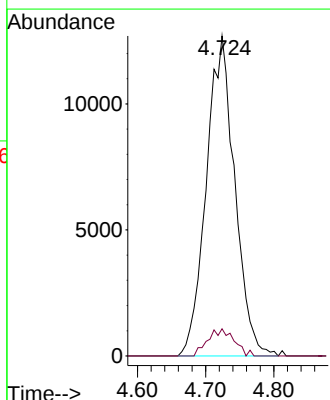
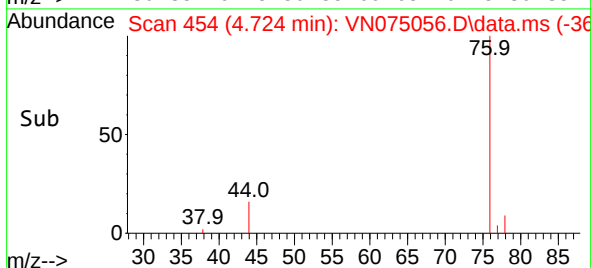
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

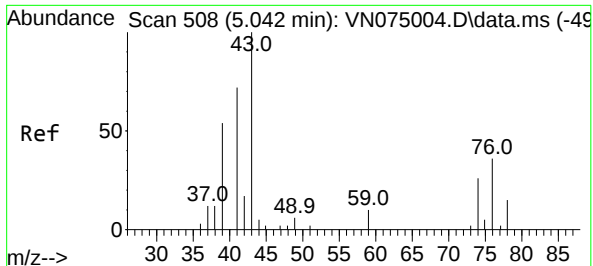


#16
Carbon Disulfide
Concen: 20.366 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



Tgt Ion: 76 Resp: 36919
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8





#17

Allyl chloride

Concen: 23.564 ug/l m

RT: 5.042 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN075056.D

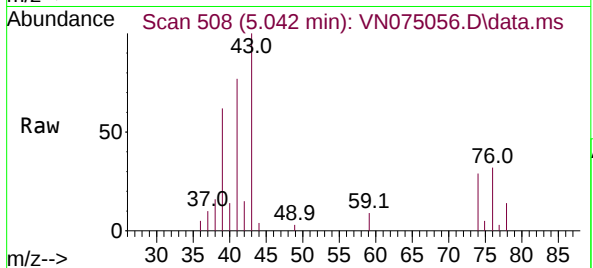
Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01



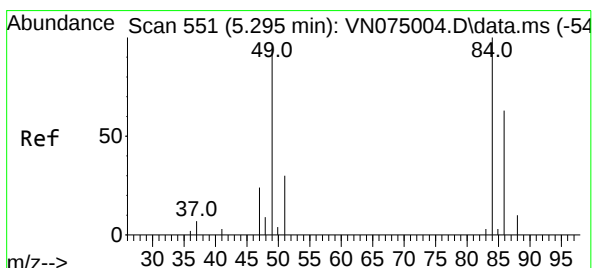
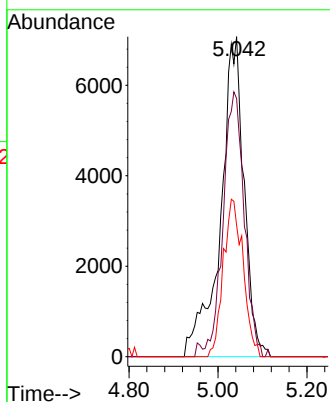
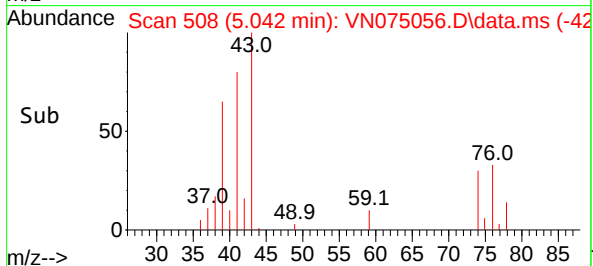
Tgt Ion:	41	Resp:	26000
Ion	Ratio	Lower	Upper
41	100		
39	80.7	44.6	134.0
76	41.1	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

Methylene Chloride

Concen: 21.102 ug/l

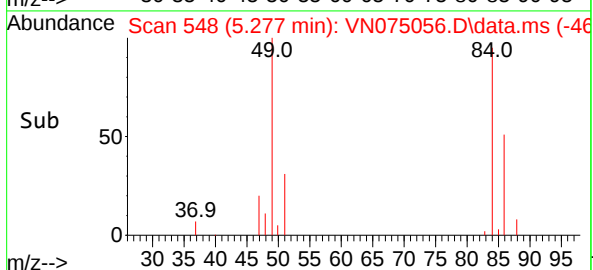
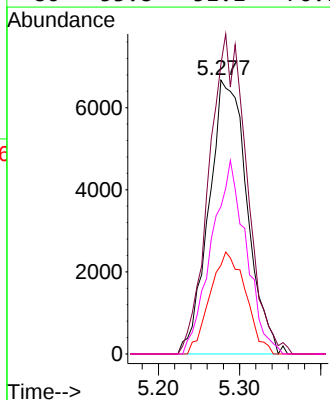
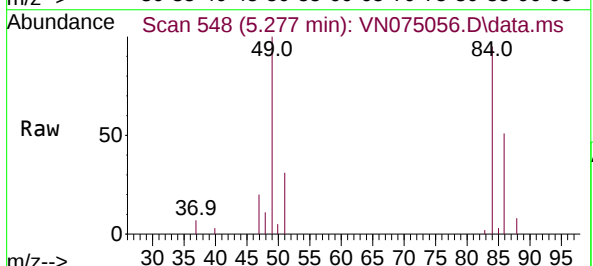
RT: 5.277 min Scan# 548

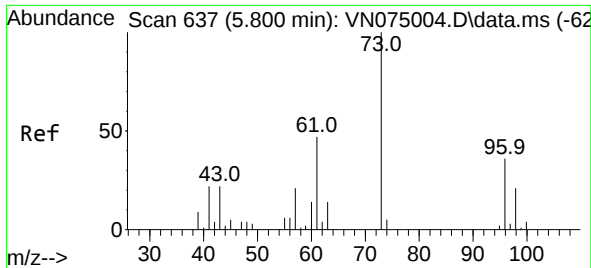
Delta R.T. -0.018 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Tgt Ion:	84	Resp:	21770
Ion	Ratio	Lower	Upper
84	100		
49	105.8	91.4	137.0
51	32.3	29.4	44.0
86	53.8	51.1	76.7





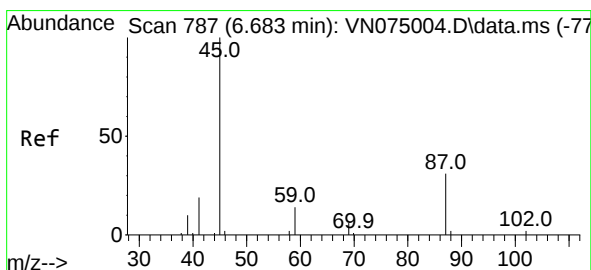
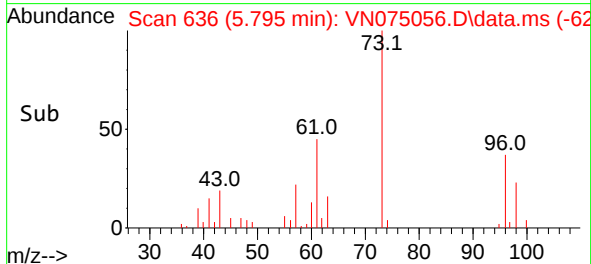
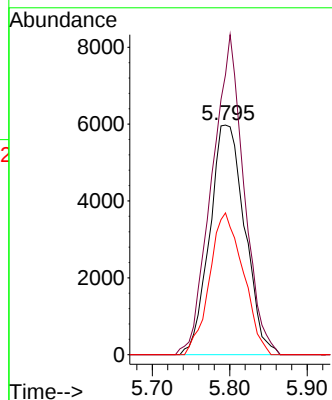
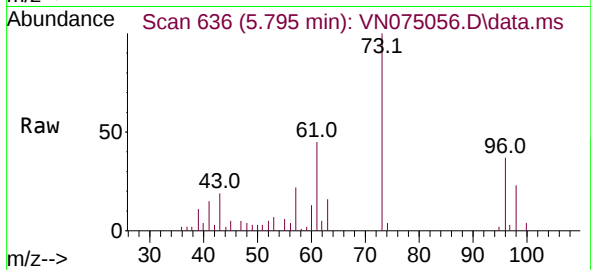
#19
trans-1,2-Dichloroethene
Concen: 20.536 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 96 Resp: 18800
Ion Ratio Lower Upper
96 100
61 121.9 102.8 154.2
98 61.8 49.3 73.9

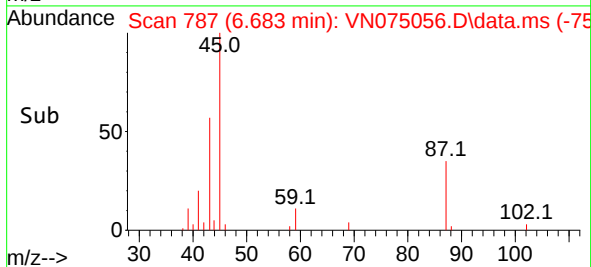
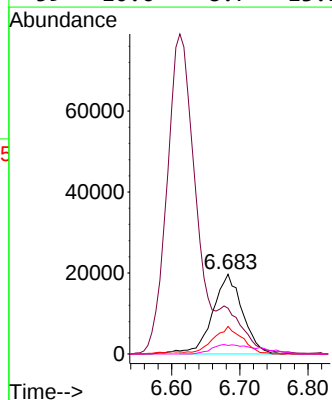
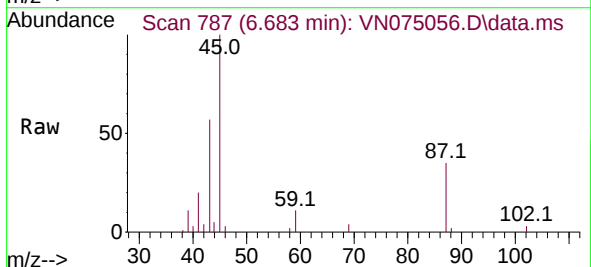
Manual Integrations
APPROVED

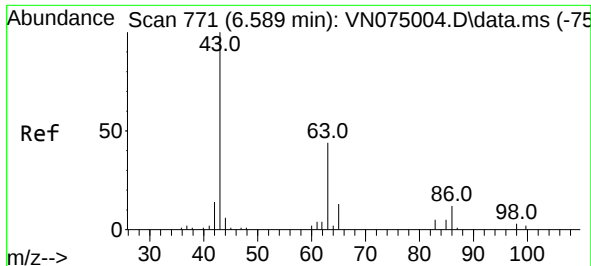
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Diisopropyl ether
Concen: 20.609 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 45 Resp: 59020
Ion Ratio Lower Upper
45 100
43 54.5 51.0 76.4
87 34.5 25.0 37.4
59 10.6 8.7 13.1





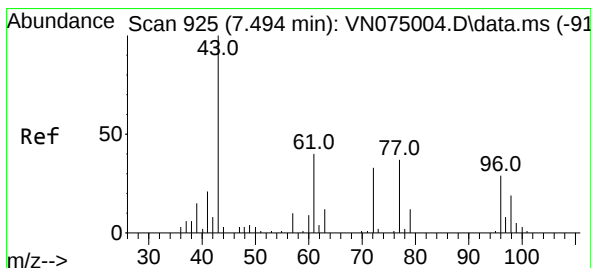
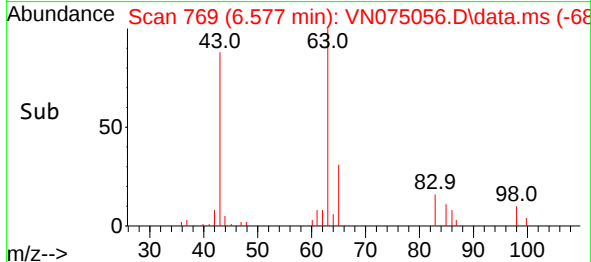
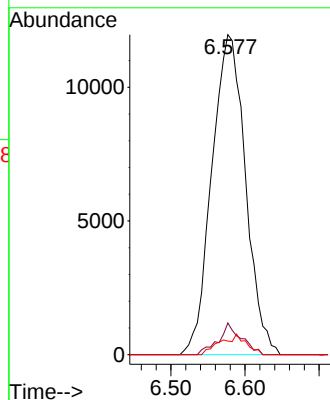
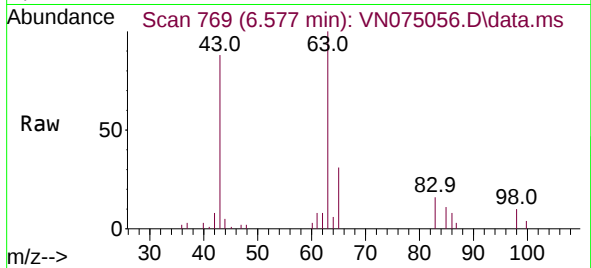
#21
1,1-Dichloroethane
Concen: 21.267 ug/l
RT: 6.577 min Scan# 771
Delta R.T. -0.012 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 63 Resp: 3782
Ion Ratio Lower Upper
63 100
98 9.9 3.2 9.6
100 4.3 2.1 6.2

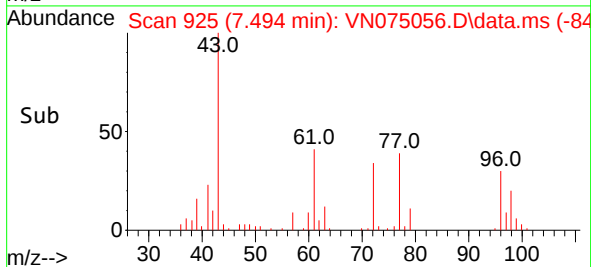
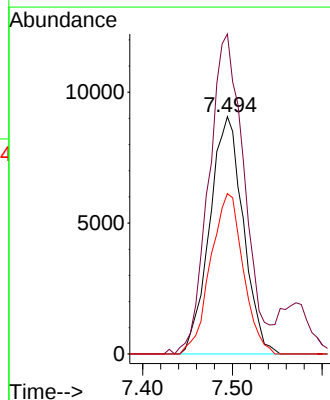
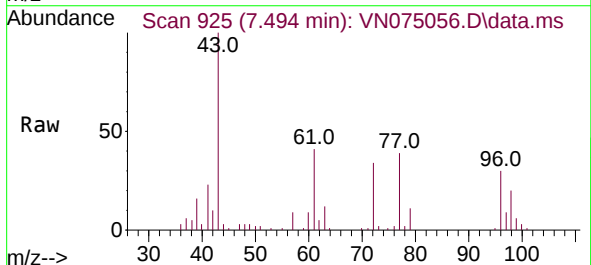
Manual Integrations
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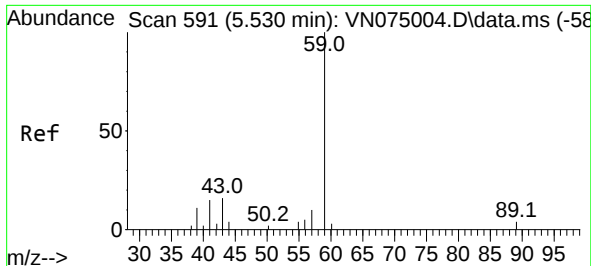
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
cis-1,2-Dichloroethene
Concen: 20.344 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 96 Resp: 23533
Ion Ratio Lower Upper
96 100
61 141.8 115.7 173.5
98 65.9 51.6 77.4





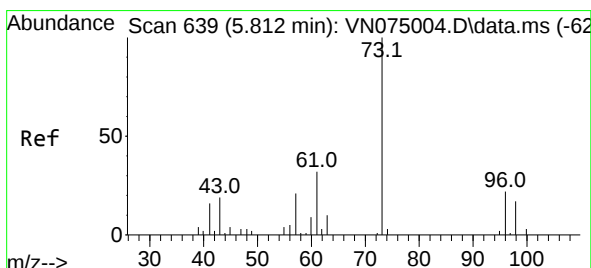
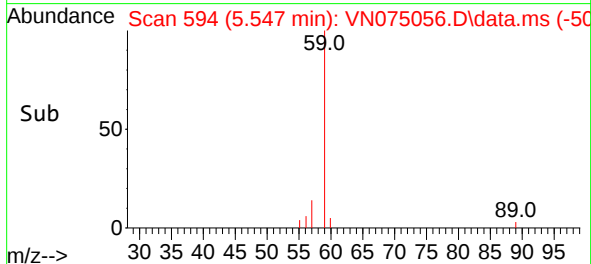
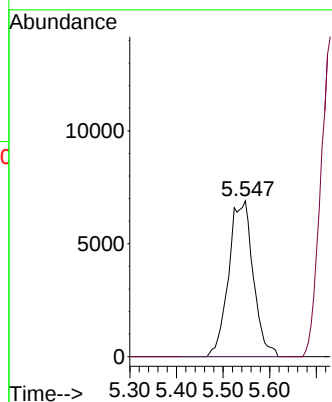
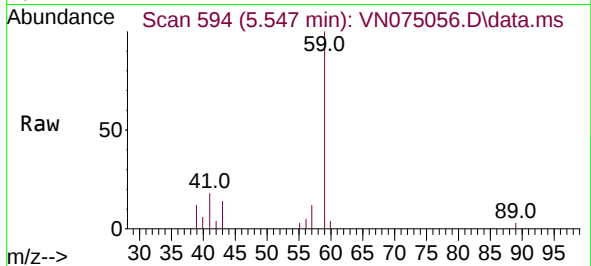
#23
tert-Butyl Alcohol
Concen: 94.185 ug/l m
RT: 5.547 min Scan# 591
Delta R.T. 0.018 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 59 Resp: 2512
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

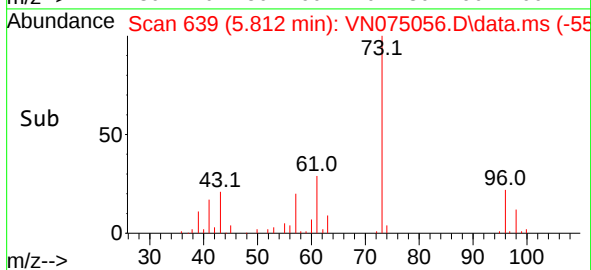
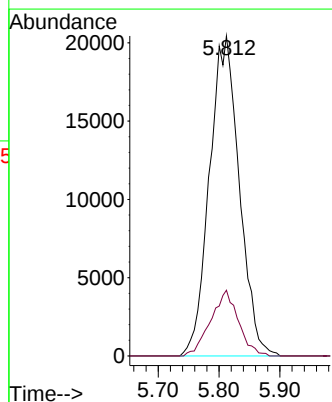
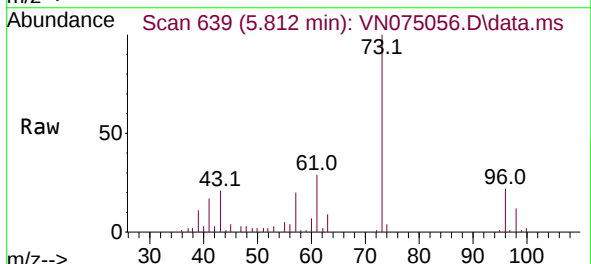
Manual Integrations
APPROVED

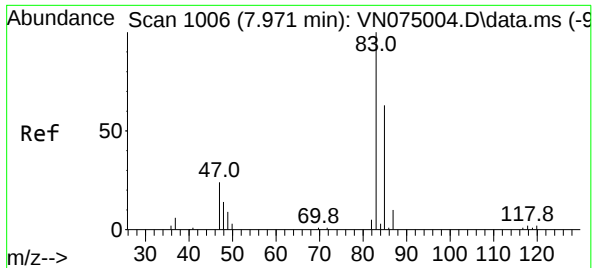
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#24
Methyl tert-Butyl Ether
Concen: 20.699 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 73 Resp: 69714
Ion Ratio Lower Upper
73 100
43 19.0 18.1 27.1





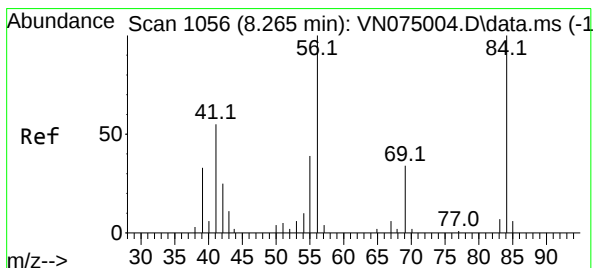
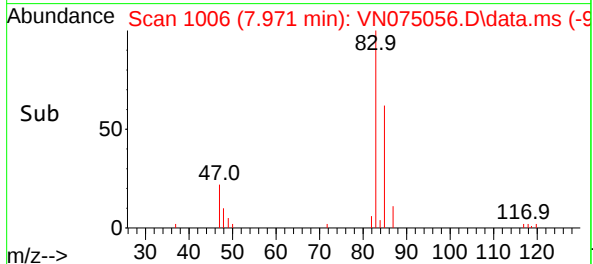
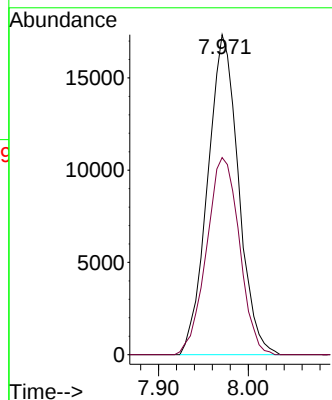
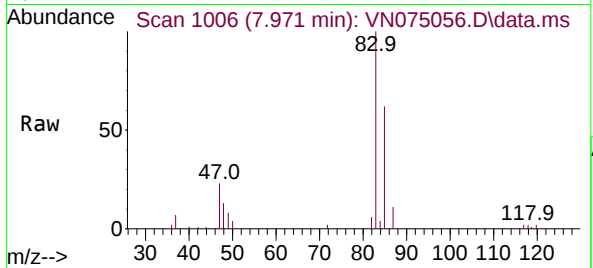
#25
Chloroform
Concen: 21.108 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 83 Resp: 4147
Ion Ratio Lower Upper
83 100
85 61.6 51.3 76.9

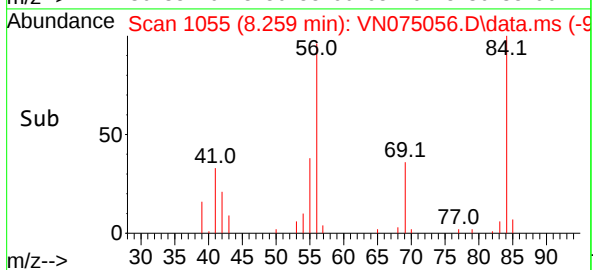
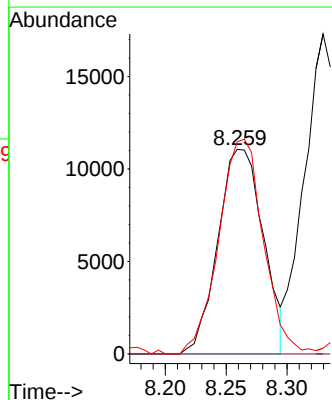
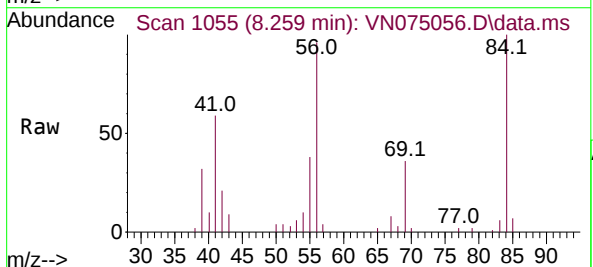
Manual Integrations
APPROVED

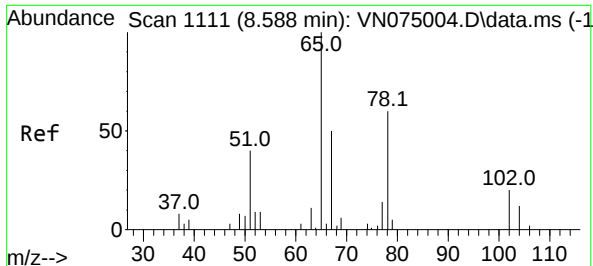
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Cyclohexane
Concen: 20.070 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 56 Resp: 28676
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 103.0 74.6 111.8





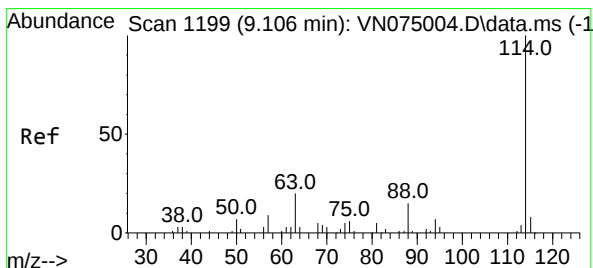
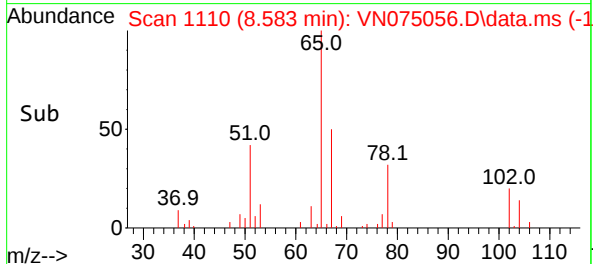
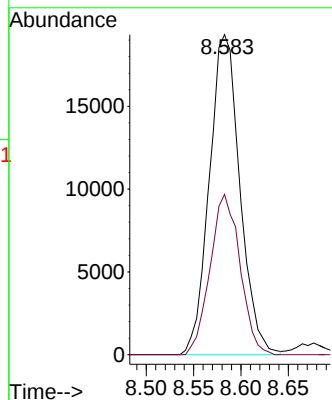
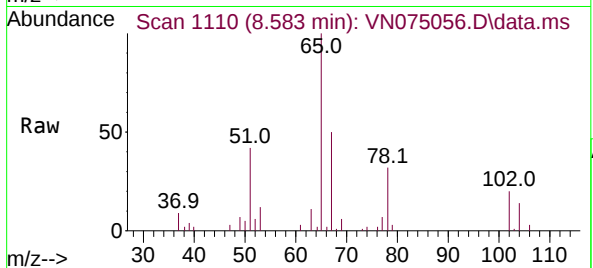
#27
1,2-Dichloroethane-d4
Concen: 33.023 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 65 Resp: 4339
Ion Ratio Lower Upper
65 100
67 48.9 40.2 60.2

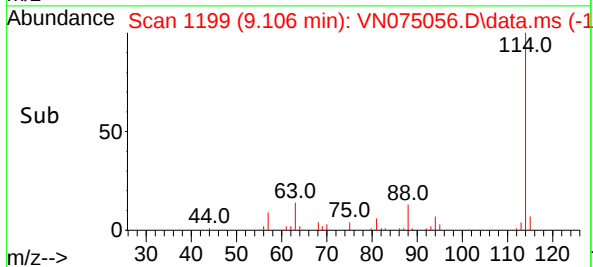
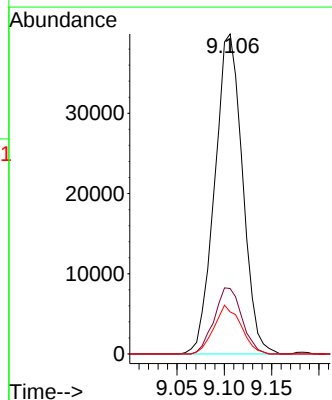
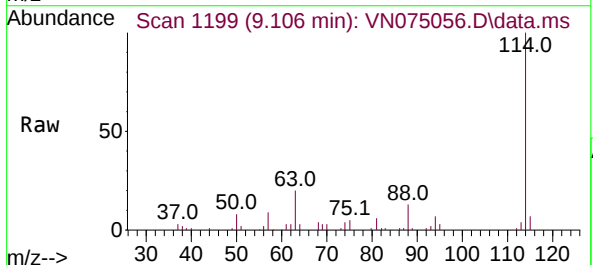
Manual Integrations
APPROVED

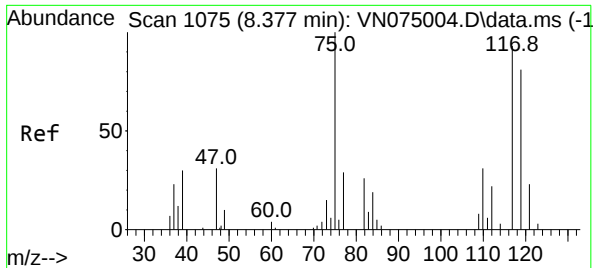
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion:114 Resp: 81344
Ion Ratio Lower Upper
114 100
63 20.6 15.8 23.6
88 14.8 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.713 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tgt Ion: 75 Resp: 2750

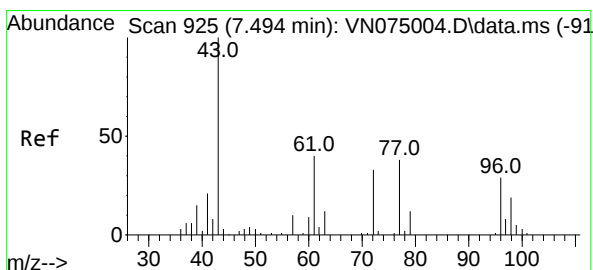
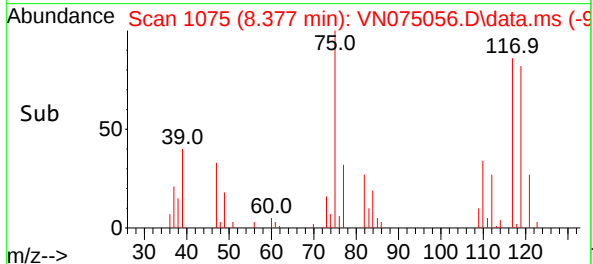
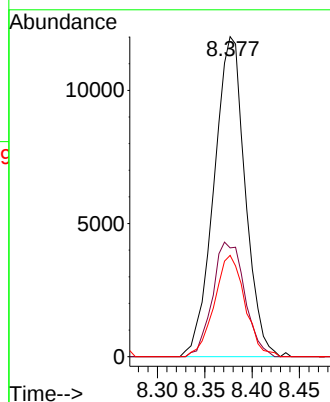
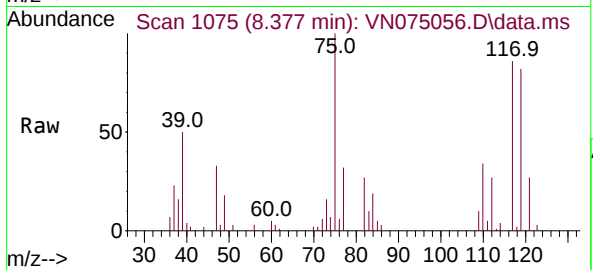
Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	74.2
77	31.1	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

2-Butanone

Concen: 97.571 ug/l

RT: 7.494 min Scan# 925

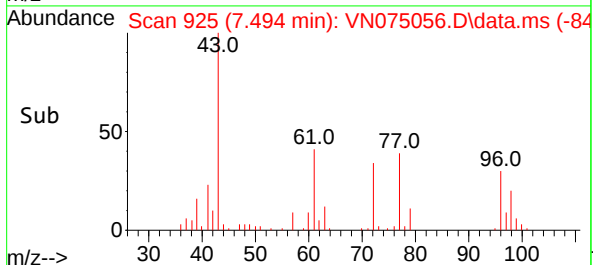
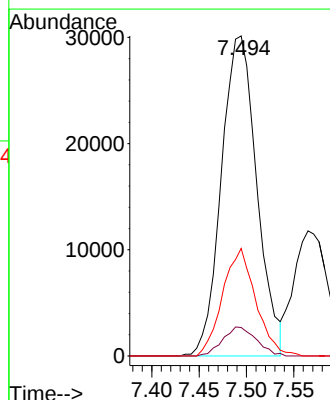
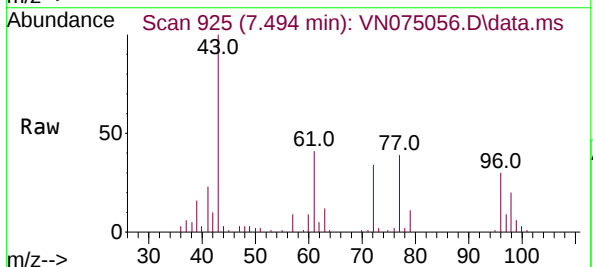
Delta R.T. 0.000 min

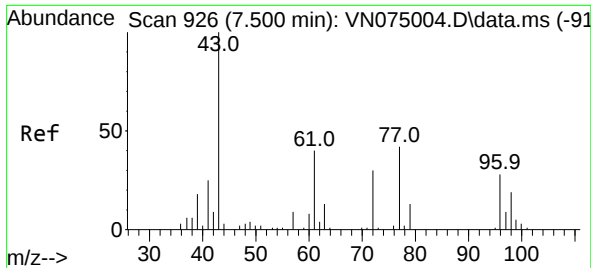
Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Tgt Ion: 43 Resp: 78479

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.7	10.1
72	31.4	23.2	34.8





#31

2,2-Dichloropropane

Concen: 19.512 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tgt Ion: 77 Resp: 3325

Ion Ratio Lower Upper

77 100

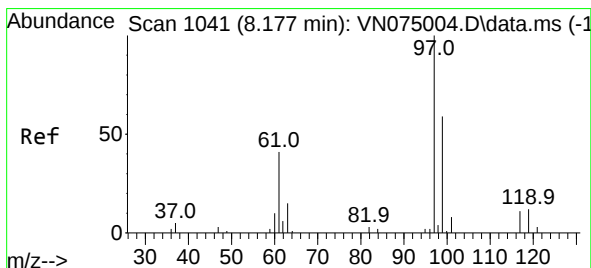
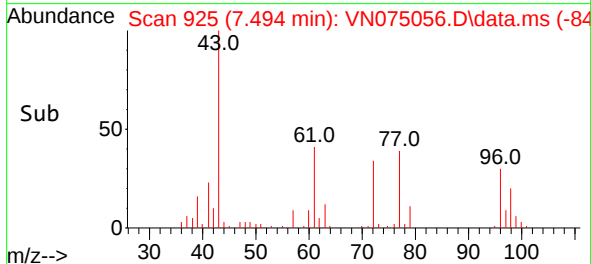
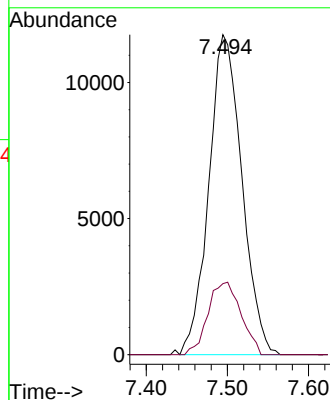
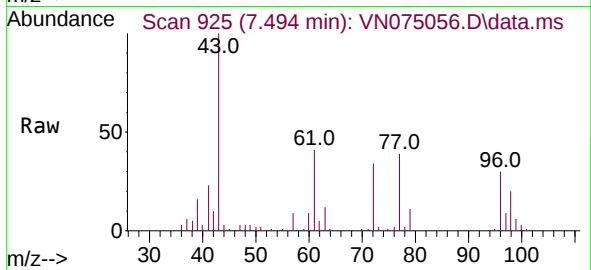
97 22.6 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#32

1,1,1-Trichloroethane

Concen: 20.247 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

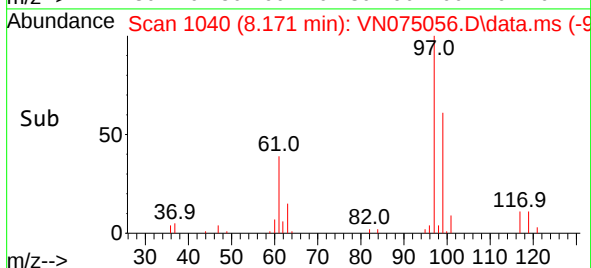
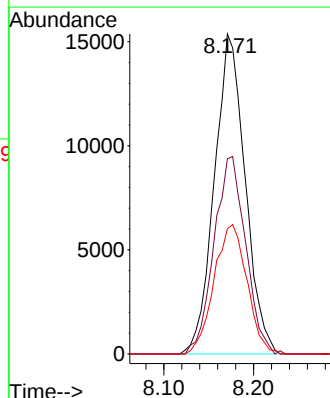
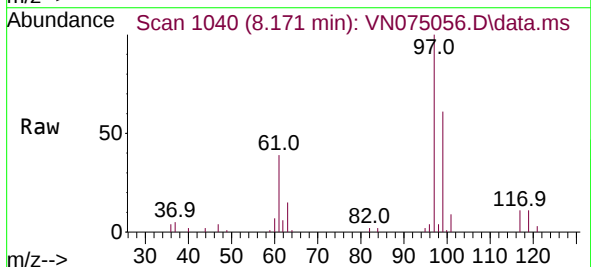
Tgt Ion: 97 Resp: 36587

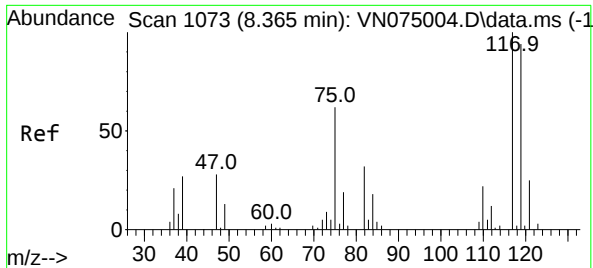
Ion Ratio Lower Upper

97 100

99 63.2 50.4 75.6

61 43.2 34.6 51.8





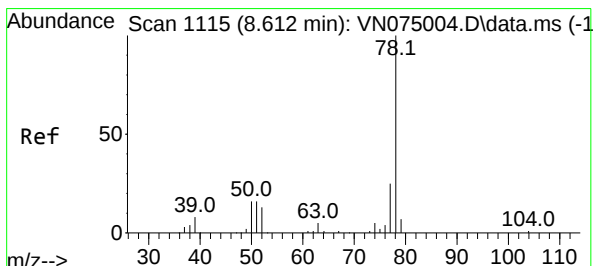
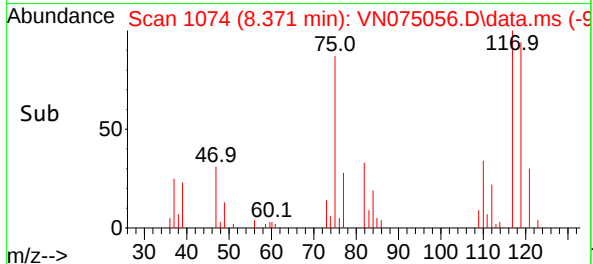
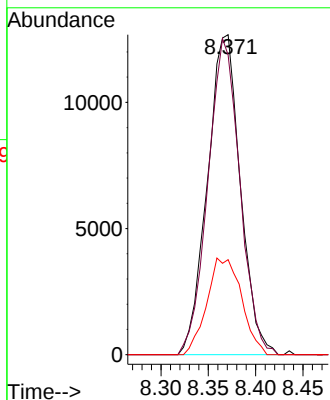
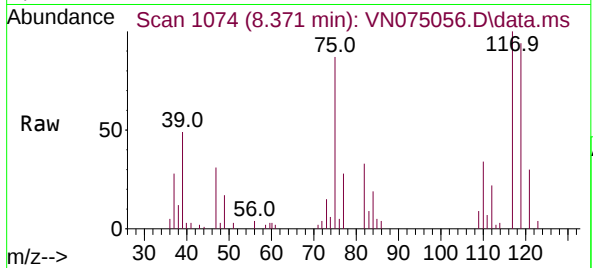
#33
Carbon Tetrachloride
Concen: 19.259 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion:117 Resp: 30644
Ion Ratio Lower Upper
117 100
119 93.7 77.5 116.3
121 29.7 23.5 35.3

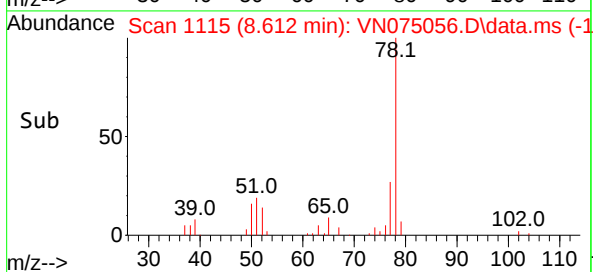
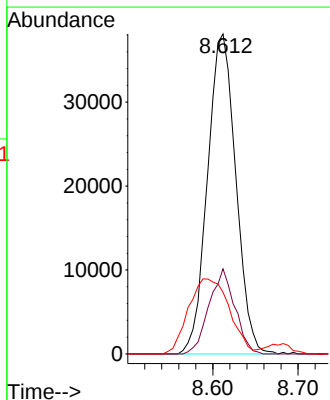
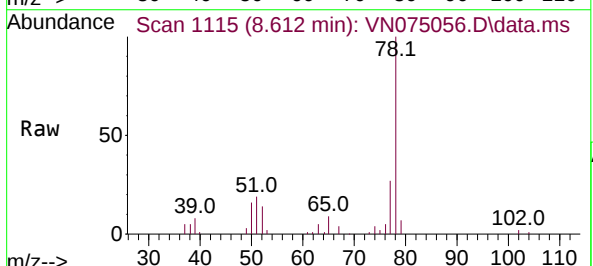
Manual Integrations
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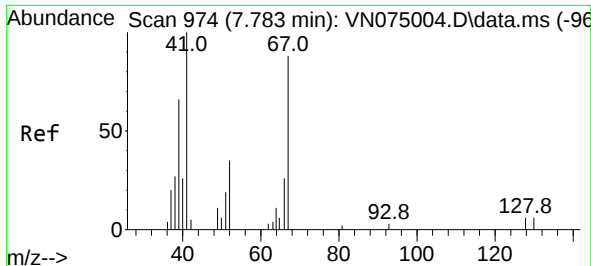
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#34
Benzene
Concen: 20.651 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

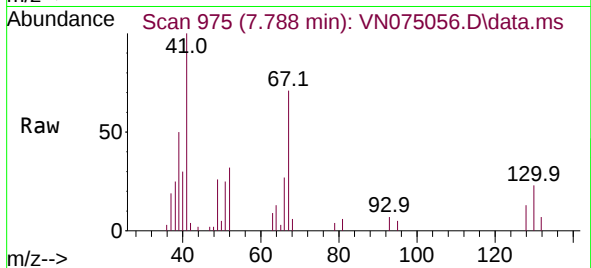
Tgt Ion: 78 Resp: 88088
Ion Ratio Lower Upper
78 100
77 26.6 19.1 28.7
51 16.5 16.0 24.0





#35
Methacrylonitrile
Concen: 20.385 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

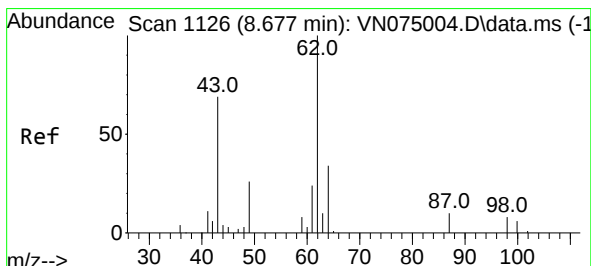
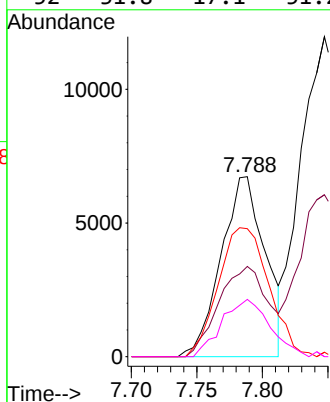
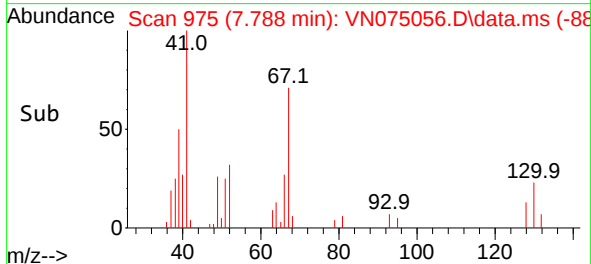
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion: 41 Resp: 1571
Ion Ratio Lower Upper
41 100
39 50.1 28.0 83.9
67 71.1 37.7 113.1
52 31.8 17.1 51.2

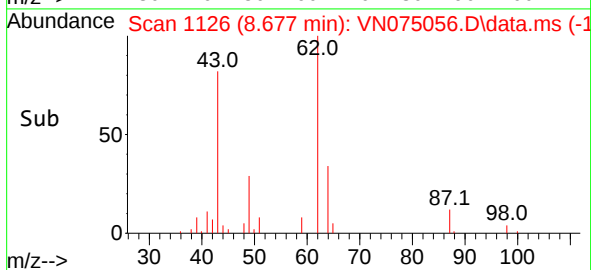
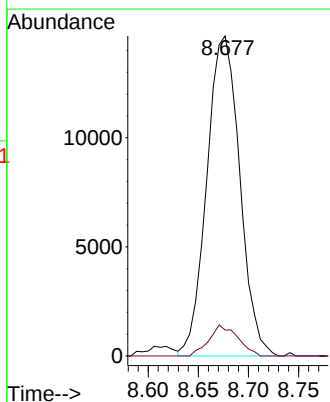
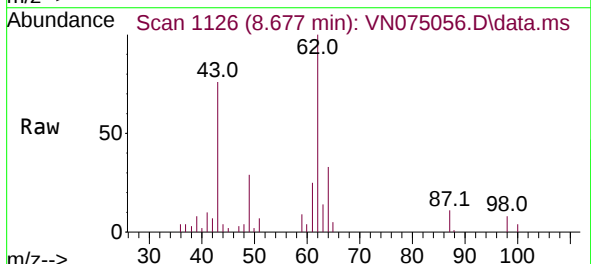
Manual Integrations
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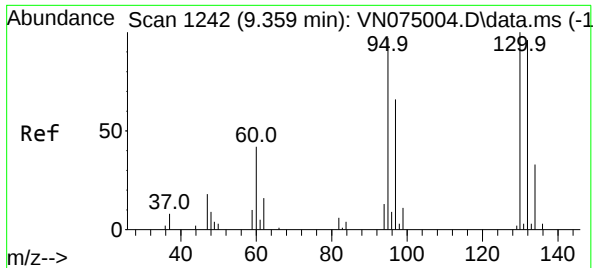
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,2-Dichloroethane
Concen: 21.238 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 62 Resp: 33569
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0





#37

Trichloroethene

Concen: 20.421 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tgt Ion:130 Resp: 21640

Ion Ratio Lower Upper

130 100

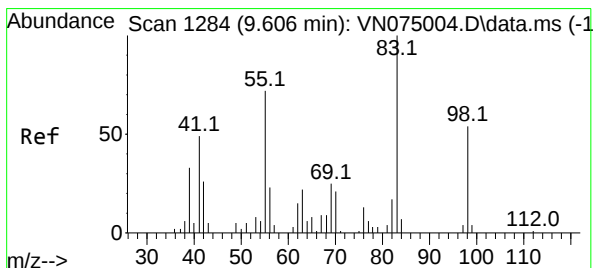
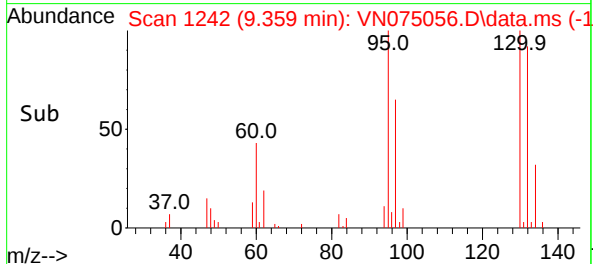
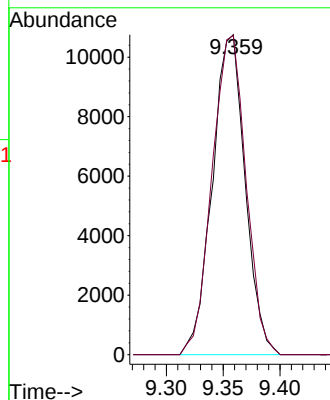
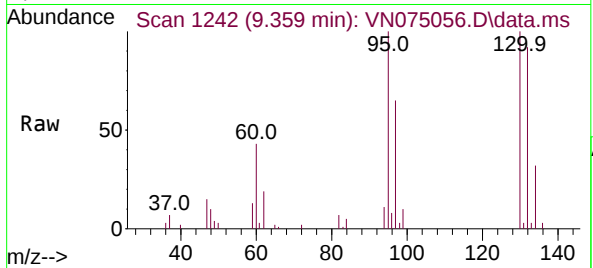
95 99.8 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Methylcyclohexane

Concen: 19.239 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

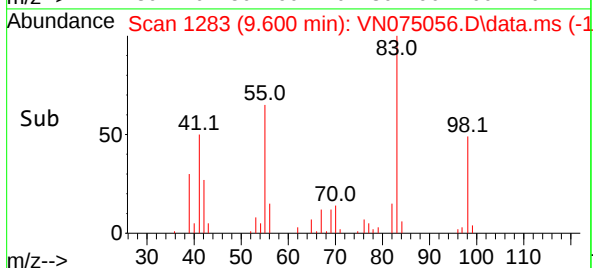
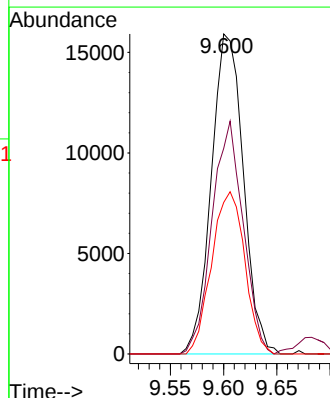
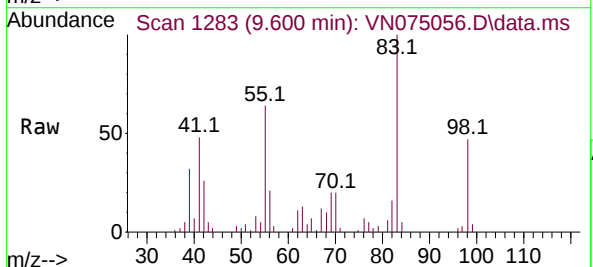
Tgt Ion: 83 Resp: 33284

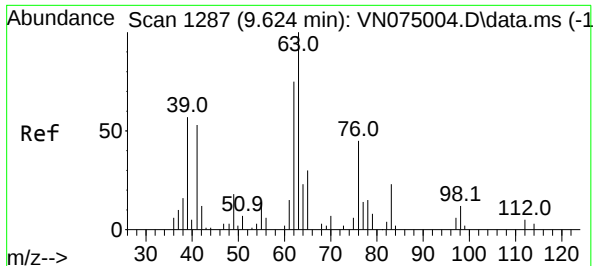
Ion Ratio Lower Upper

83 100

55 70.6 35.1 105.3

98 52.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.061 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tgt Ion: 63 Resp: 2154

Ion Ratio Lower Upper

63 100

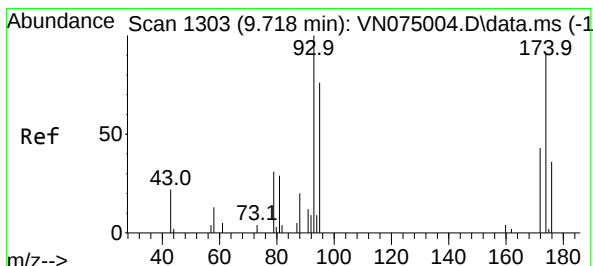
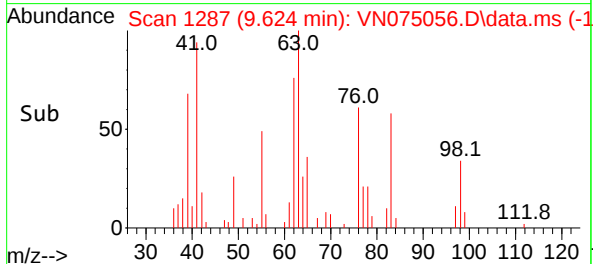
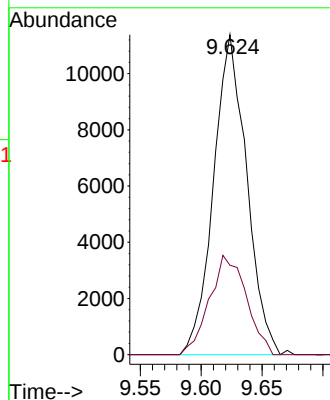
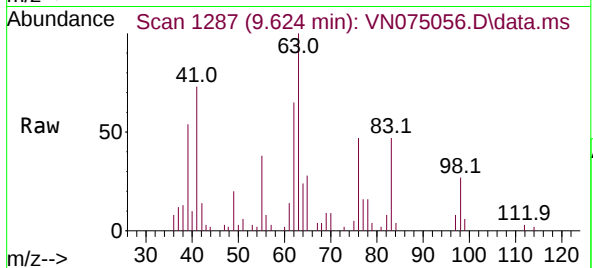
65 28.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Dibromomethane

Concen: 20.335 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

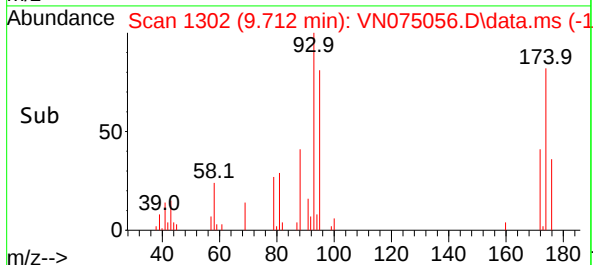
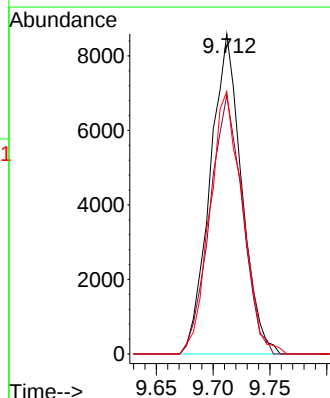
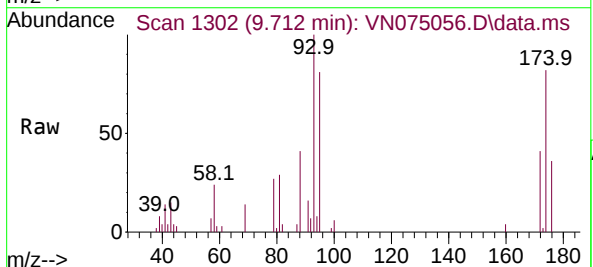
Tgt Ion: 93 Resp: 16567

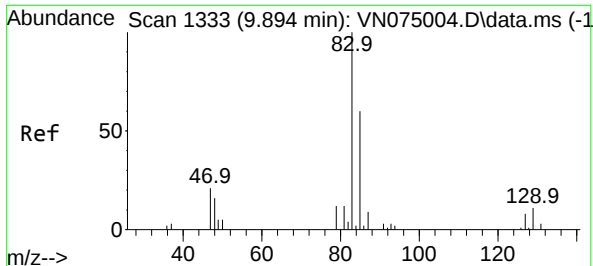
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.8

174 85.1 0.0 173.6





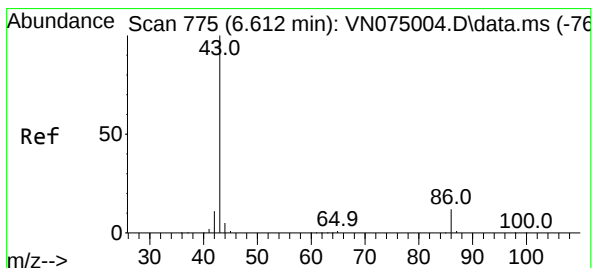
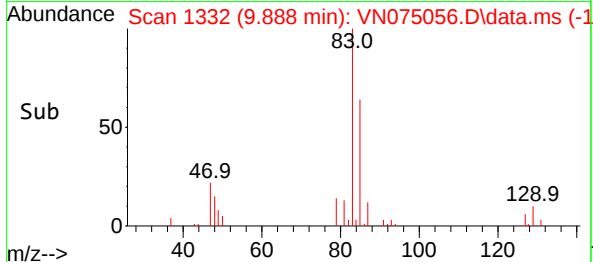
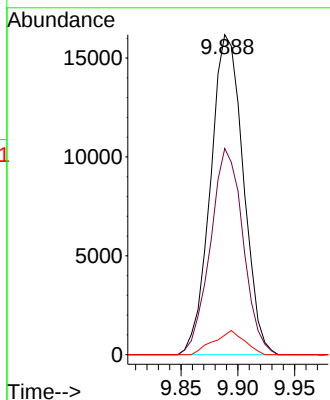
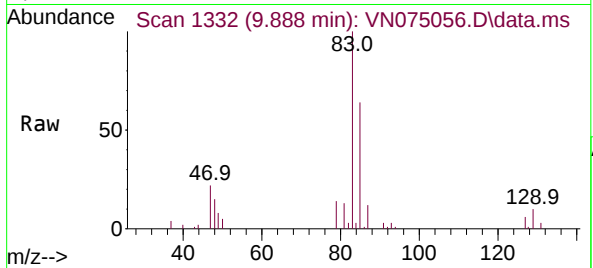
#41
Bromodichloromethane
Concen: 20.453 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 83 Resp: 3244
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 7.1 7.6 11.4

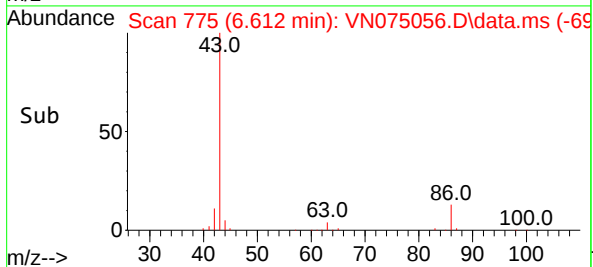
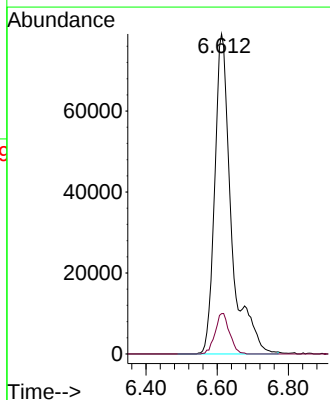
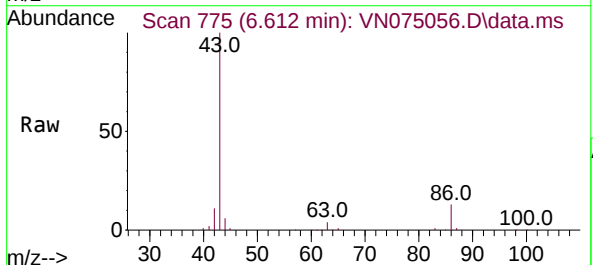
Manual Integrations
APPROVED

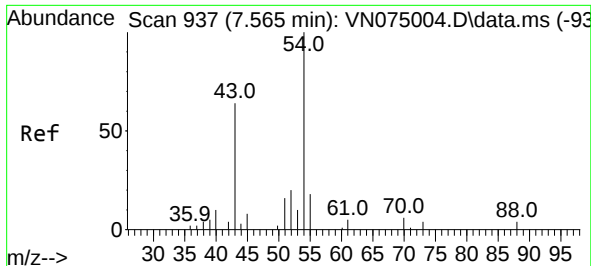
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Vinyl Acetate
Concen: 113.012 ug/l m
RT: 6.612 min Scan# 775
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

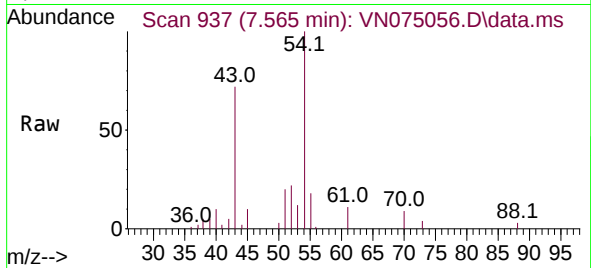
Tgt Ion: 43 Resp: 256039
Ion Ratio Lower Upper
43 100
86 11.0 7.5 11.3





#43
Ethyl Acetate
Concen: 19.379 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

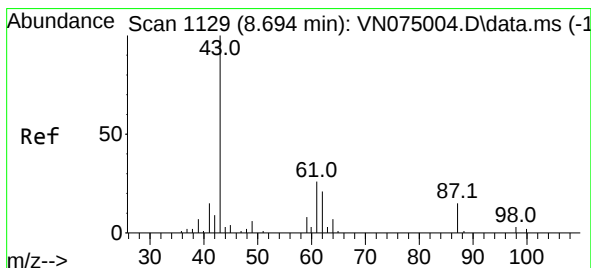
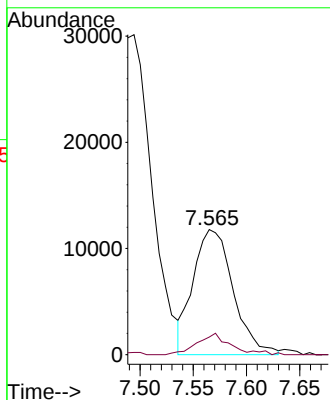
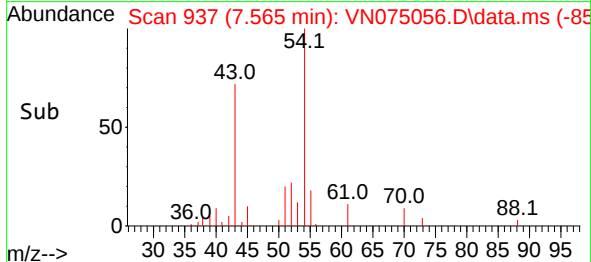
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



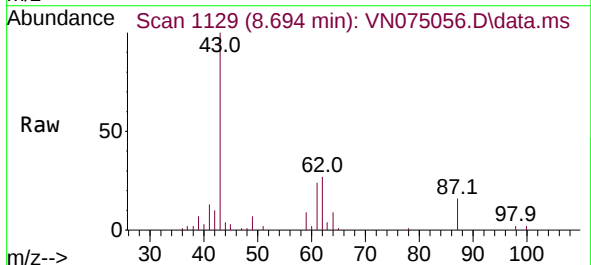
Tgt Ion: 43 Resp: 3080
Ion Ratio Lower Upper
43 100
45 13.1 10.6 16.0

Manual Integrations
APPROVED

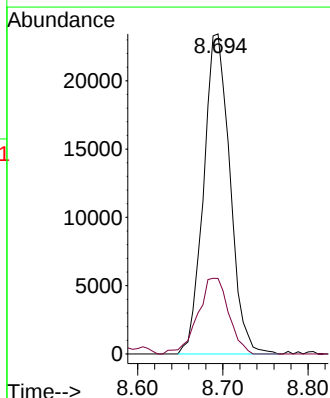
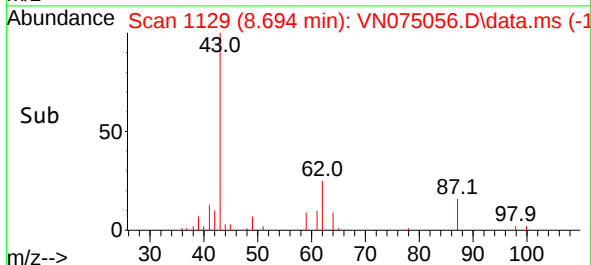
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

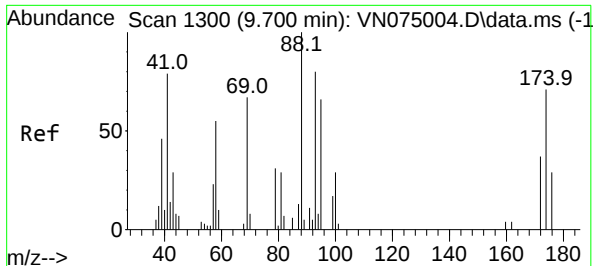


#44
Isopropyl Acetate
Concen: 19.721 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



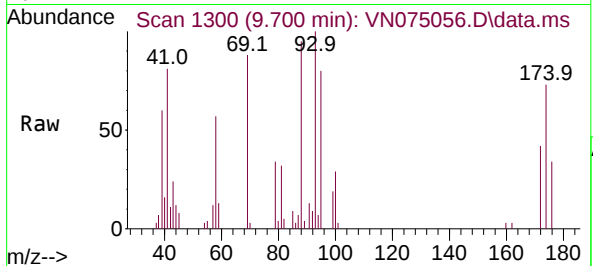
Tgt Ion: 43 Resp: 50284
Ion Ratio Lower Upper
43 100
61 27.3 20.1 30.1





#45
1,4-Dioxane
Concen: 366.782 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

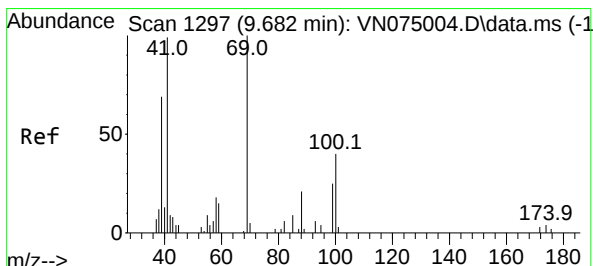
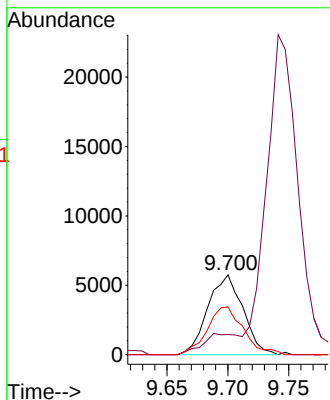
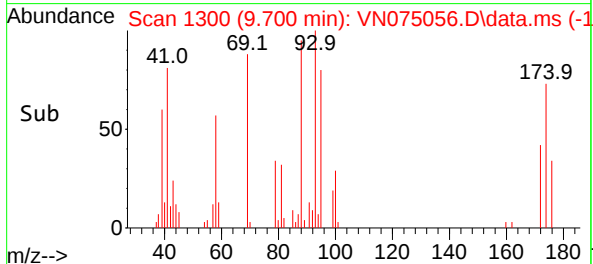
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion: 88 Resp: 1151
Ion Ratio Lower Upper
88 100
43 15.7 25.0 37.6
58 61.8 49.4 74.2

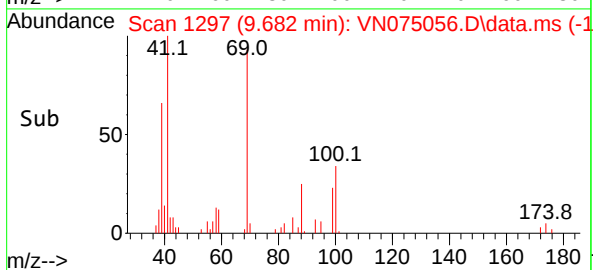
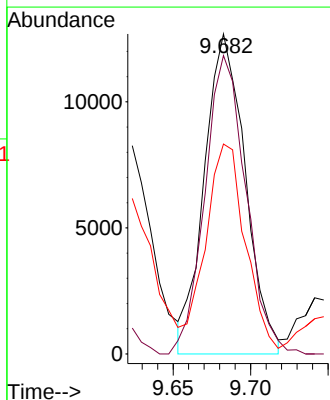
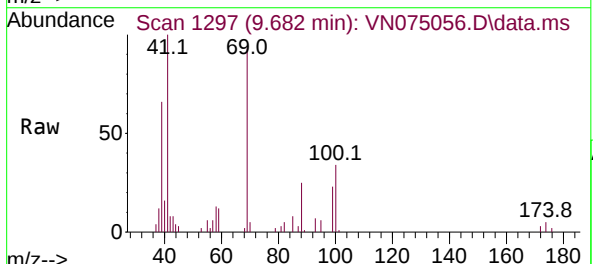
Manual Integrations
APPROVED

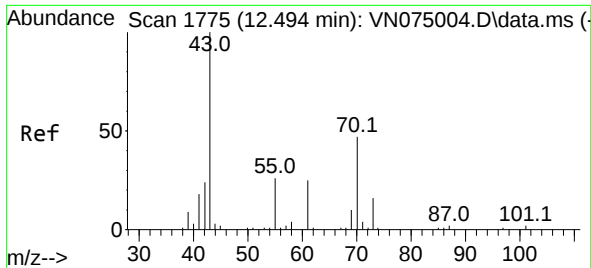
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
Methyl methacrylate
Concen: 20.360 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 41 Resp: 23288
Ion Ratio Lower Upper
41 100
69 93.2 44.4 133.2
39 66.8 39.9 119.6





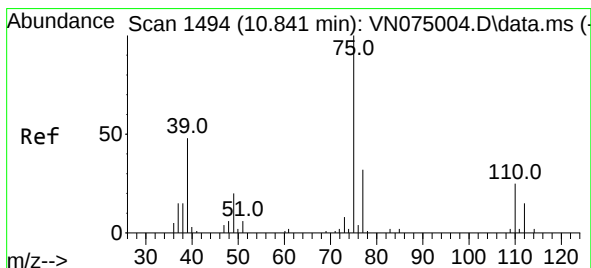
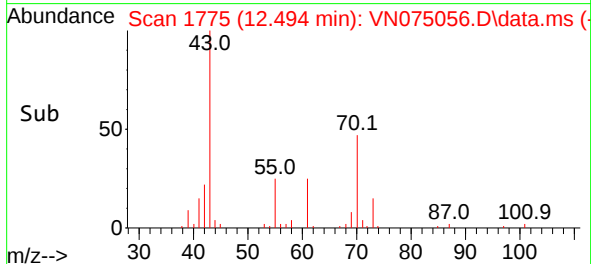
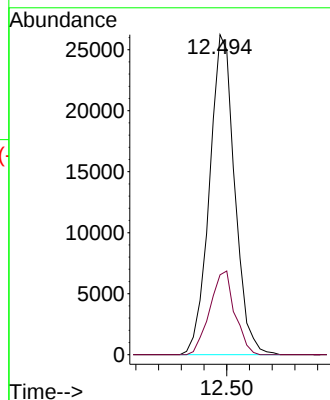
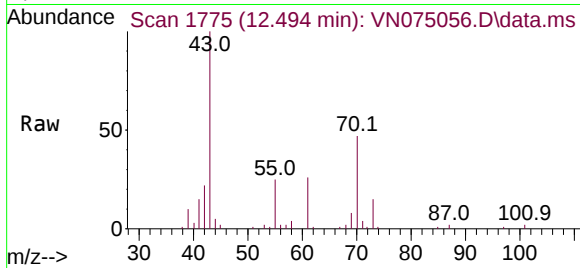
#47
n-amy1 Acetate
Concen: 18.467 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
55 25.8 19.0 28.6

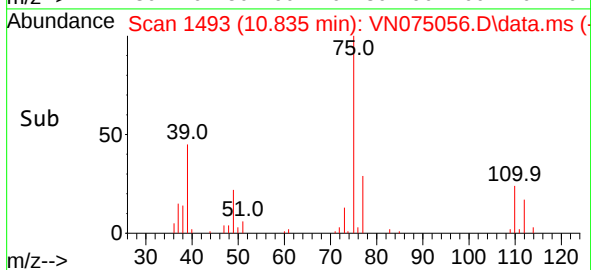
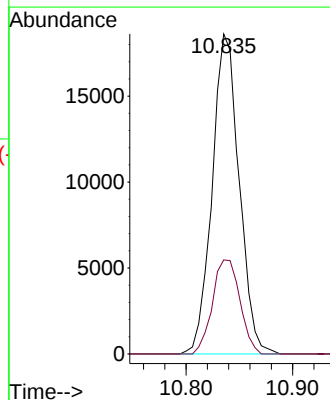
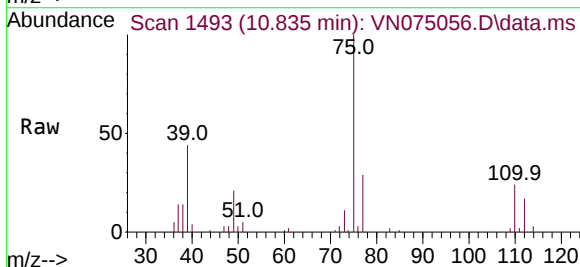
Manual Integrations
APPROVED

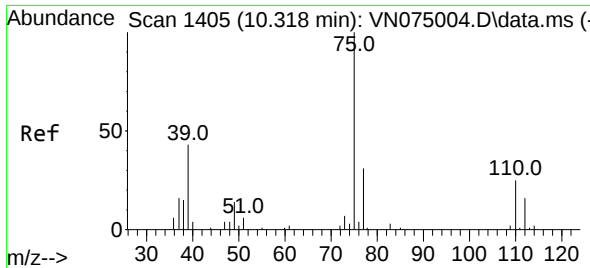
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
t-1,3-Dichloropropene
Concen: 18.909 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

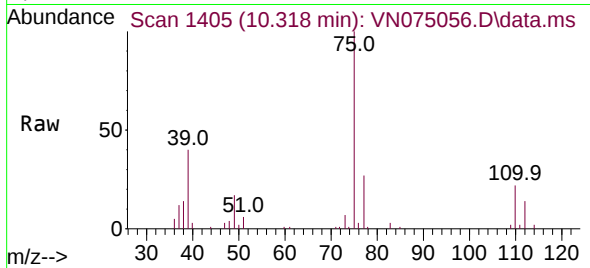
Tgt Ion: 75 Resp: 32766
Ion Ratio Lower Upper
75 100
77 29.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.807 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN075056.D
 Acq: 28 Oct 2022 13:09

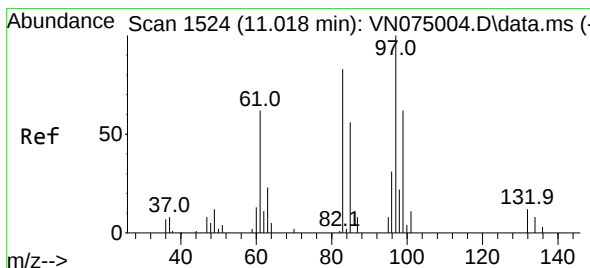
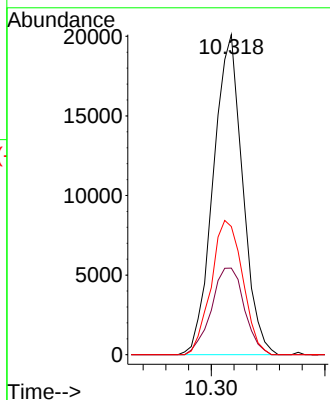
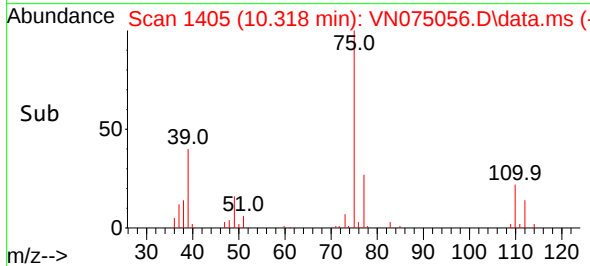
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01



Tgt Ion: 75 Resp: 36074
 Ion Ratio Lower Upper
 75 100
 77 27.1 25.3 37.9
 39 40.1 46.2 69.4

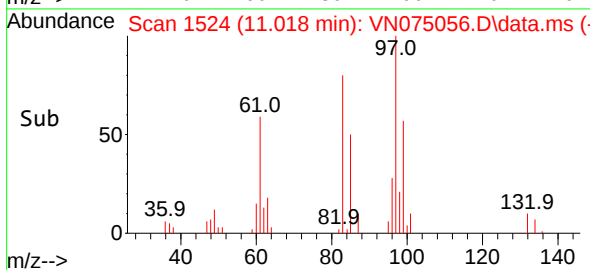
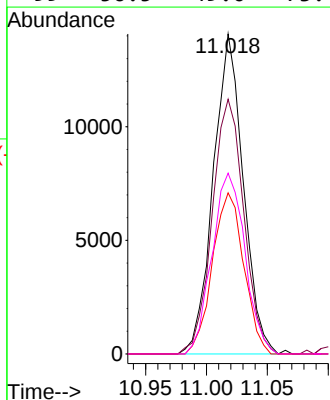
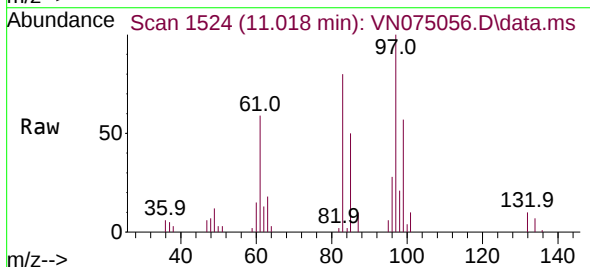
Manual Integrations
 APPROVED

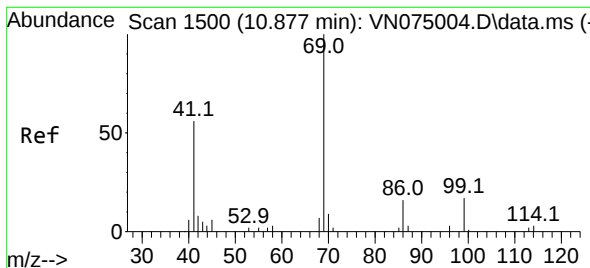
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.156 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075056.D
 Acq: 28 Oct 2022 13:09

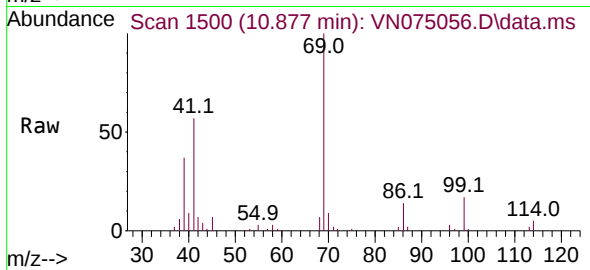
Tgt Ion: 97 Resp: 24057
 Ion Ratio Lower Upper
 97 100
 83 79.6 67.2 100.8
 85 50.4 43.0 64.4
 99 56.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.707 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

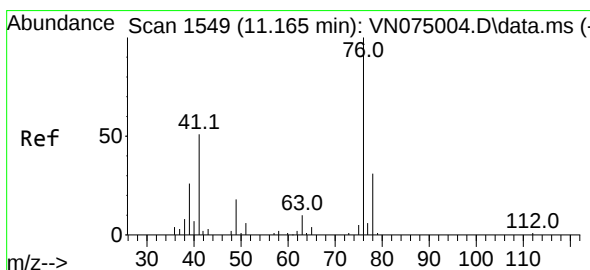
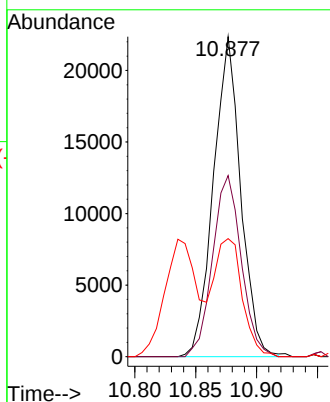
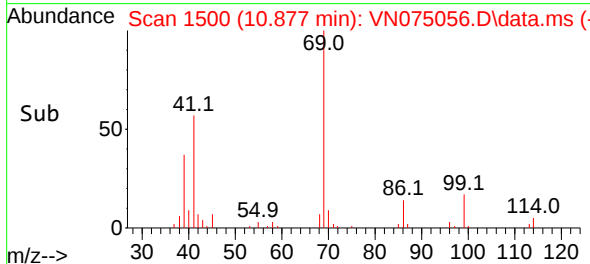
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



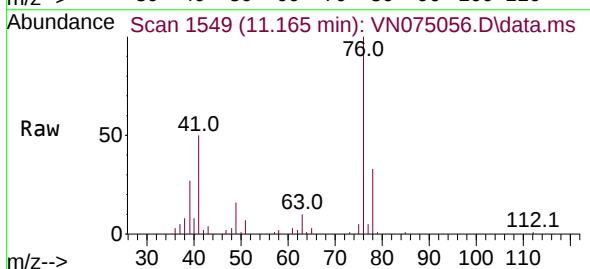
Tgt Ion: 69 Resp: 34789
Ion Ratio Lower Upper
69 100
41 56.6 33.0 98.9
39 36.9 25.4 76.4

Manual Integrations
APPROVED

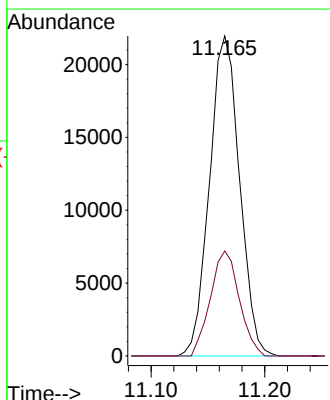
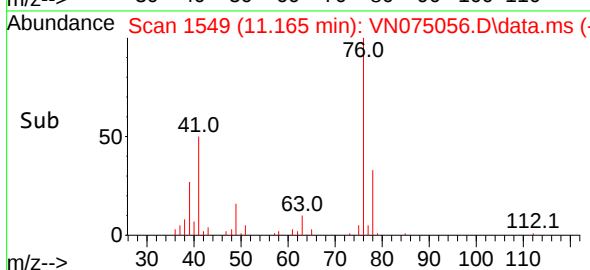
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

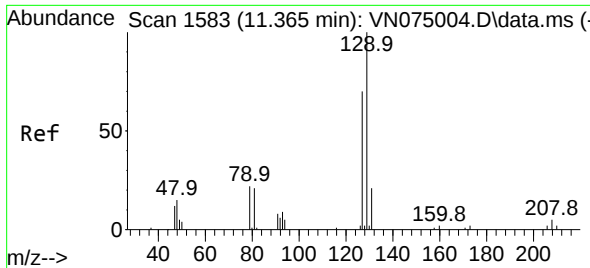


#52
1,3-Dichloropropane
Concen: 20.190 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



Tgt Ion: 76 Resp: 40304
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.4





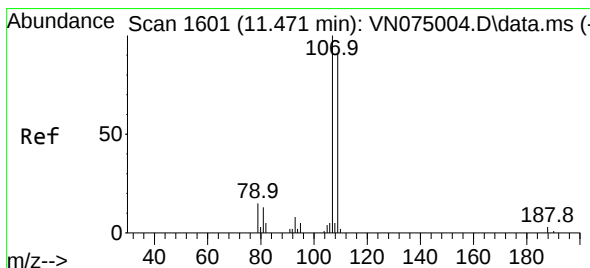
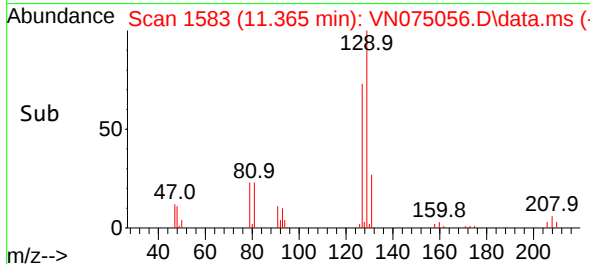
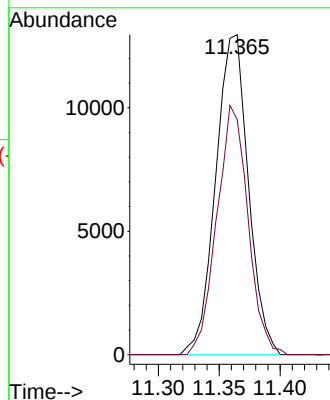
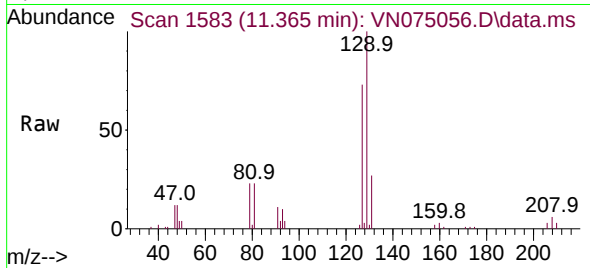
#53
Dibromochloromethane
Concen: 18.765 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion:129 Resp: 24225
Ion Ratio Lower Upper
129 100
127 74.2 39.0 117.0

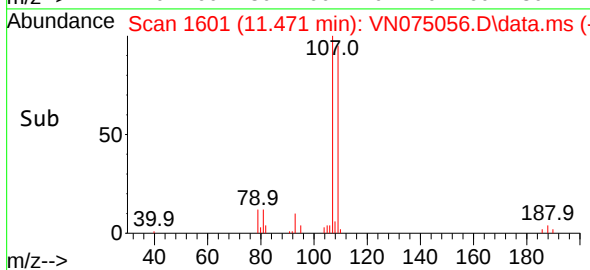
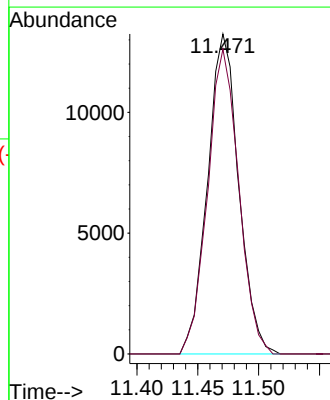
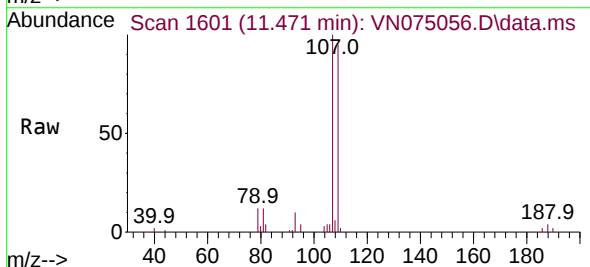
Manual Integrations
APPROVED

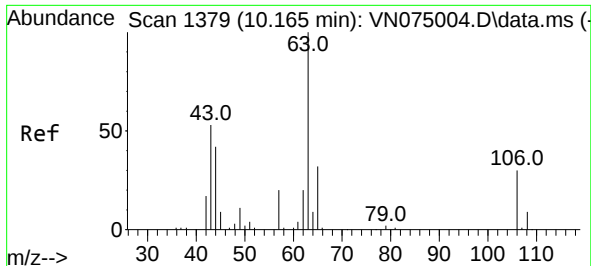
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 19.093 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion:107 Resp: 23577
Ion Ratio Lower Upper
107 100
109 95.2 72.8 109.2





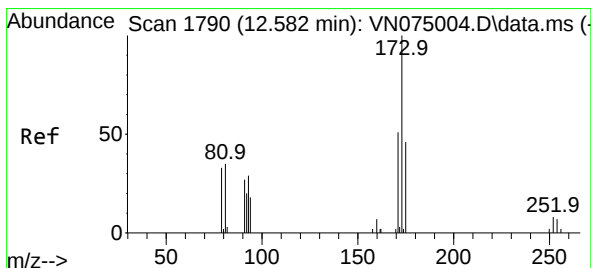
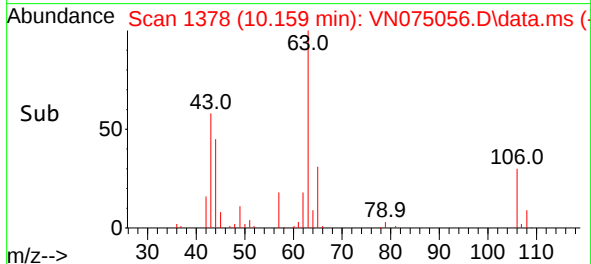
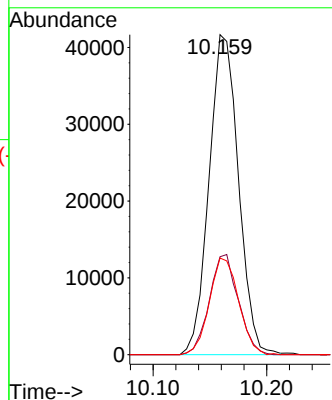
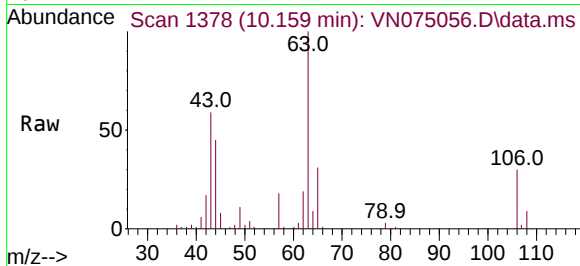
#55
2-Chloroethyl vinyl ether
Concen: 98.790 ug/l
RT: 10.159 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 63 Resp: 7505
Ion Ratio Lower Upper
63 100
65 30.7 25.4 38.0
106 30.0 23.2 34.8

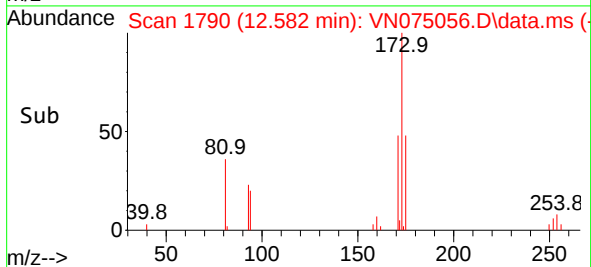
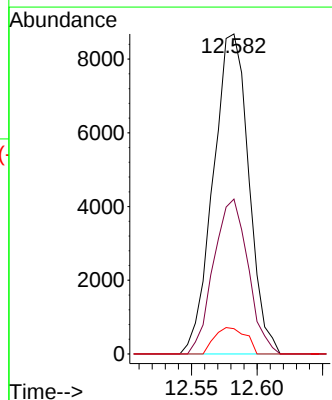
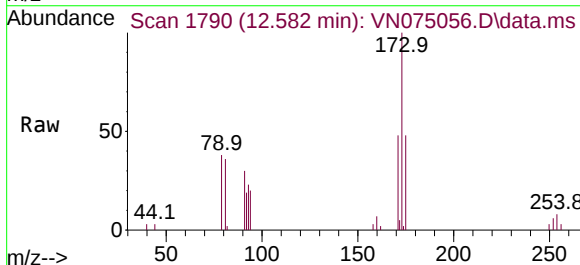
Manual Integrations
APPROVED

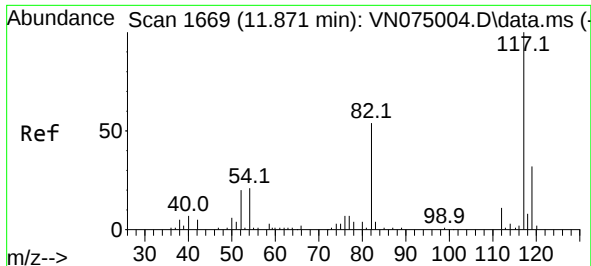
Reviewed By :John Carbone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Bromoform
Concen: 17.243 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion:173 Resp: 16343
Ion Ratio Lower Upper
173 100
175 47.0 38.6 58.0
254 7.3 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tgt Ion:117 Resp: 76519

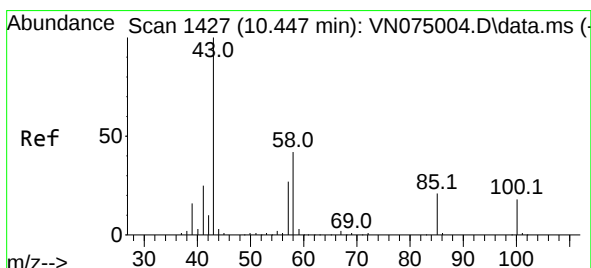
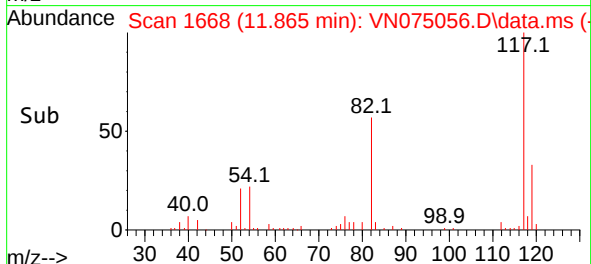
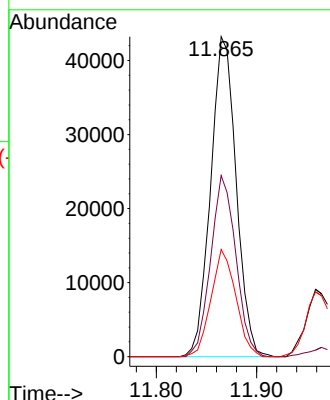
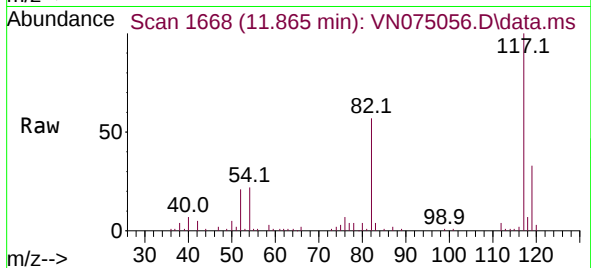
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.6	65.4
119	32.5	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

4-Methyl-2-Pentanone

Concen: 100.720 ug/l

RT: 10.447 min Scan# 1427

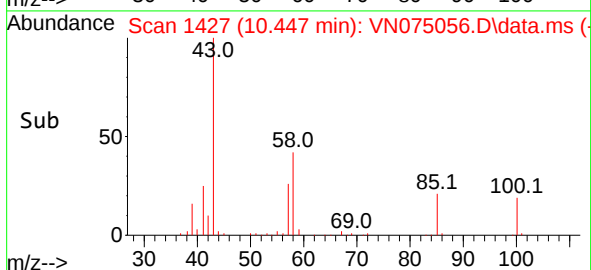
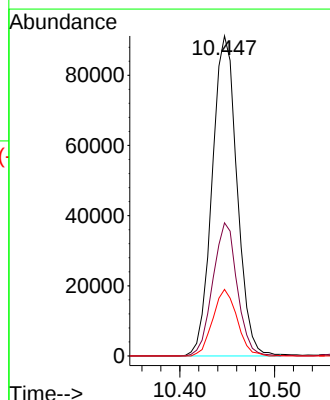
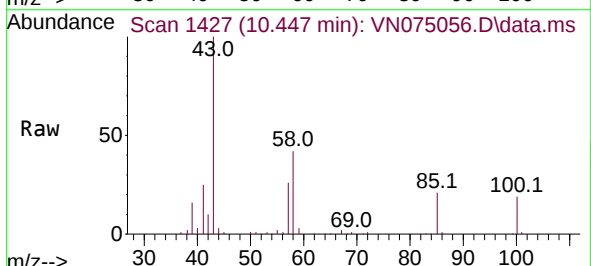
Delta R.T. 0.000 min

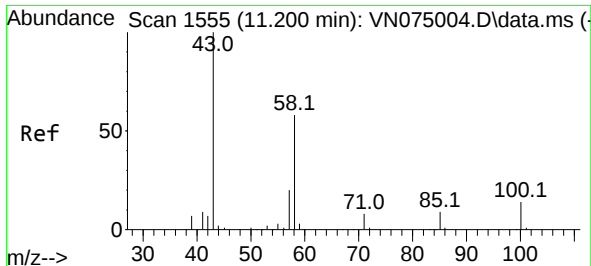
Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Tgt Ion: 43 Resp: 166238

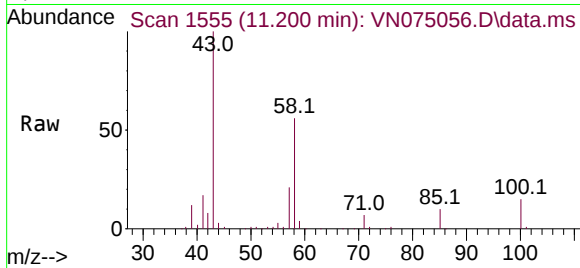
Ion	Ratio	Lower	Upper
43	100		
58	40.8	30.0	45.0
85	20.3	15.0	22.6





#59
2-Hexanone
Concen: 99.750 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

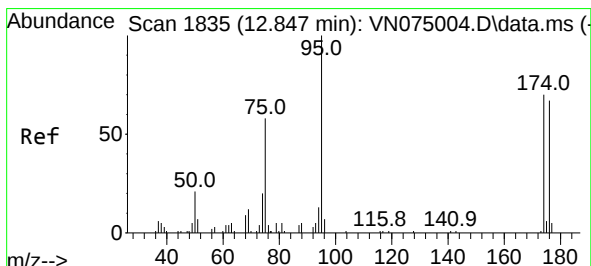
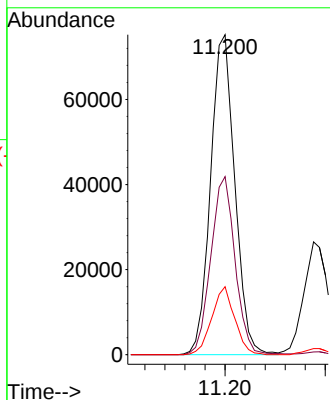
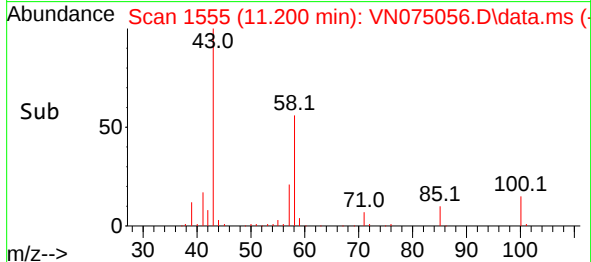
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion: 43 Resp: 126298
Ion Ratio Lower Upper
43 100
58 55.7 42.2 63.2
57 20.1 15.0 22.4

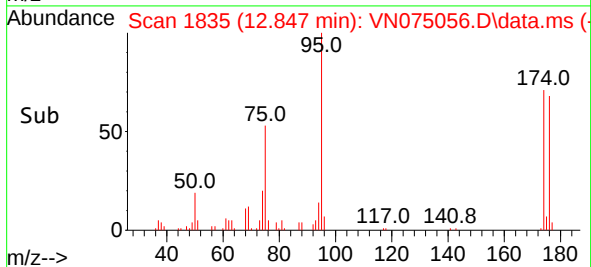
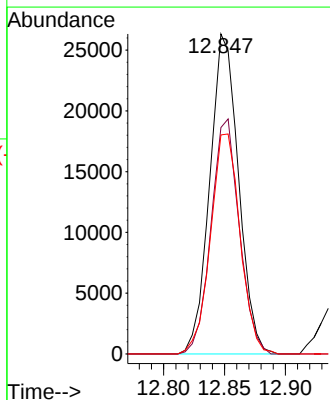
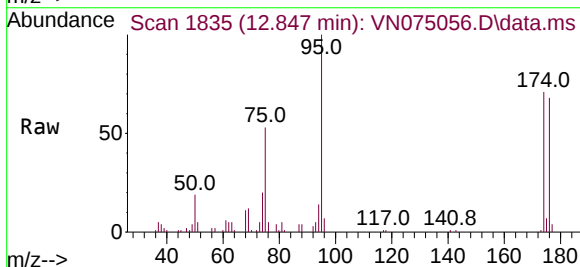
Manual Integrations
APPROVED

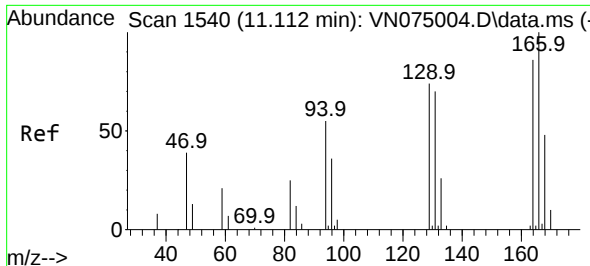
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
4-Bromofluorobenzene
Concen: 28.778 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

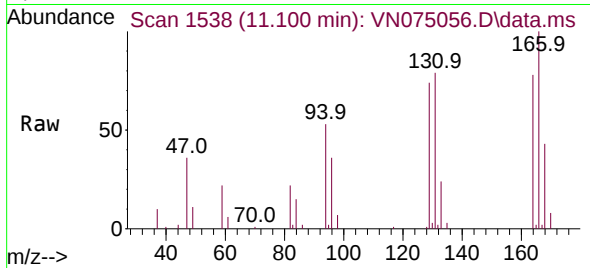
Tgt Ion: 95 Resp: 43267
Ion Ratio Lower Upper
95 100
174 72.3 62.9 94.3
176 70.6 61.0 91.4





#61
Tetrachloroethene
Concen: 22.194 ug/l
RT: 11.100 min Scan# 11100
Delta R.T. -0.012 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

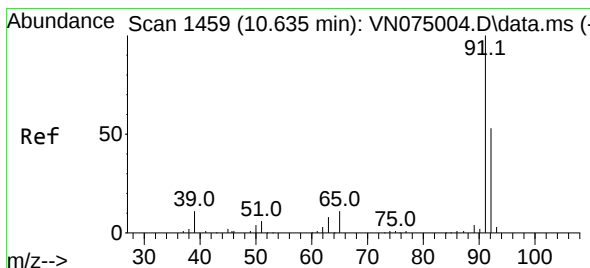
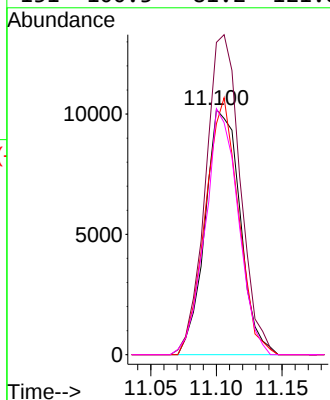
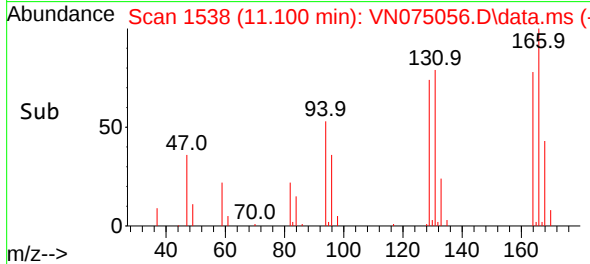
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion:164 Resp: 1888
Ion Ratio Lower Upper
164 100
166 127.4 105.8 158.8
129 94.2 82.5 123.7
131 100.3 81.2 121.8

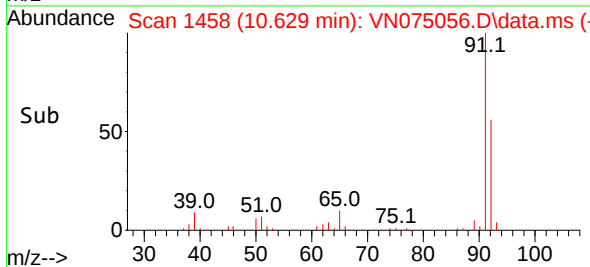
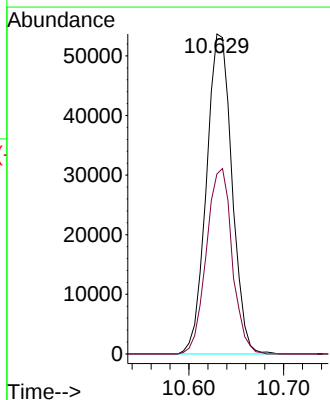
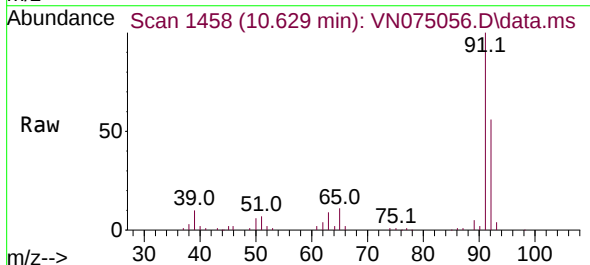
Manual Integrations
APPROVED

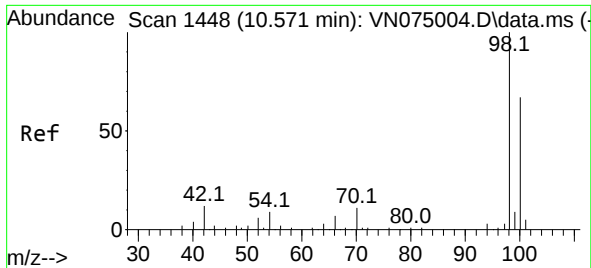
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
Toluene
Concen: 20.313 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

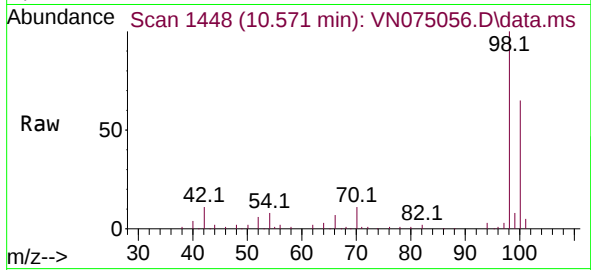
Tgt Ion: 91 Resp: 100636
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0





#63
Toluene-d8
Concen: 30.308 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

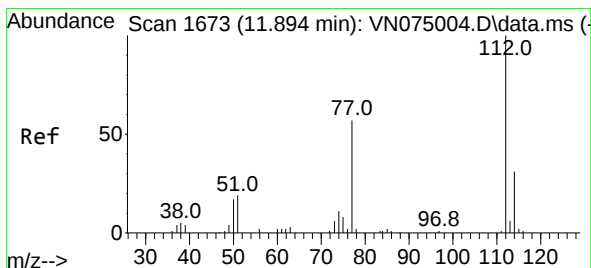
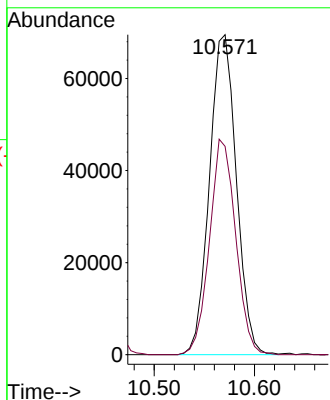
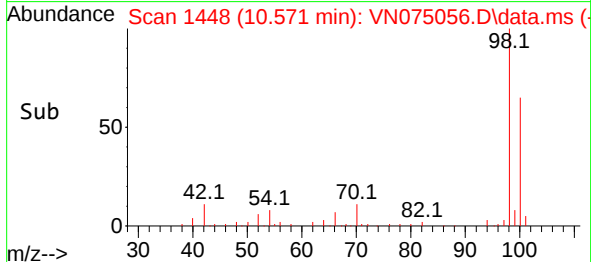
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion: 98 Resp: 12971
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

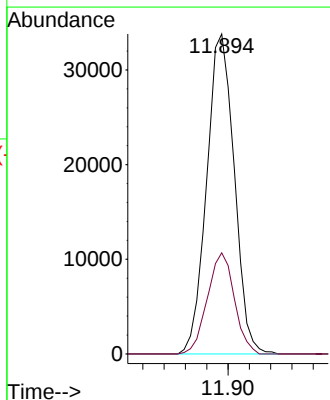
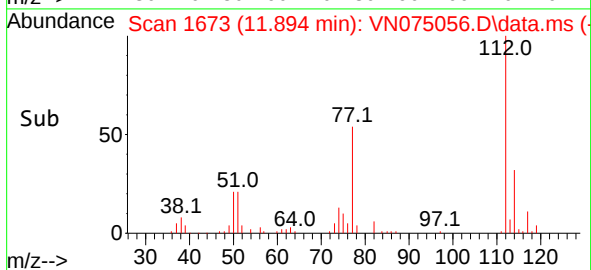
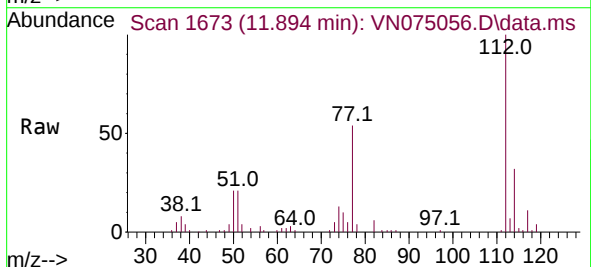
Manual Integrations
APPROVED

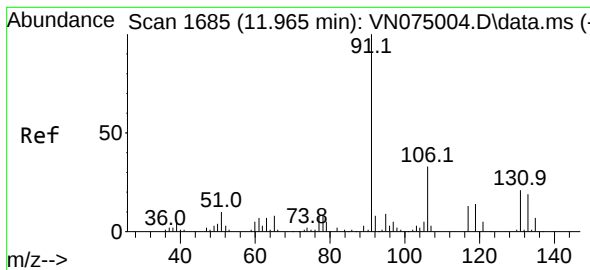
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Chlorobenzene
Concen: 19.792 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

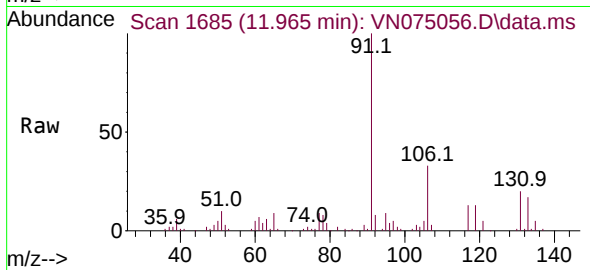
Tgt Ion:112 Resp: 60762
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.563 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

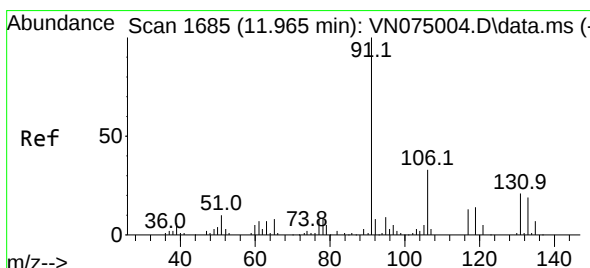
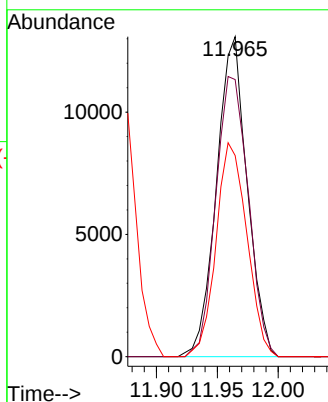
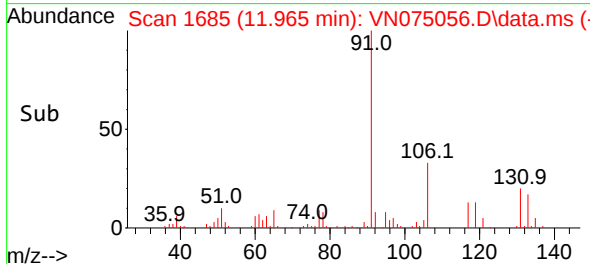
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion:131 Resp: 22944
Ion Ratio Lower Upper
131 100
133 92.7 0.0 191.2
119 67.1 0.0 128.8

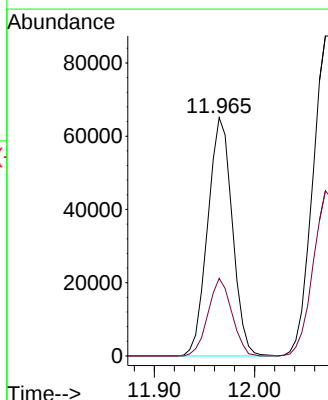
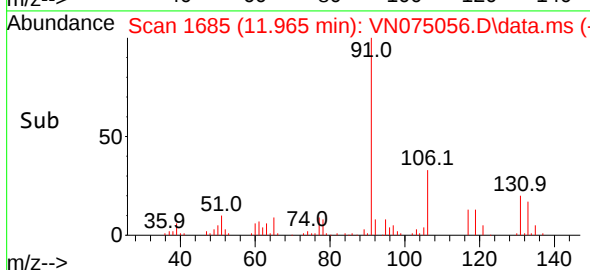
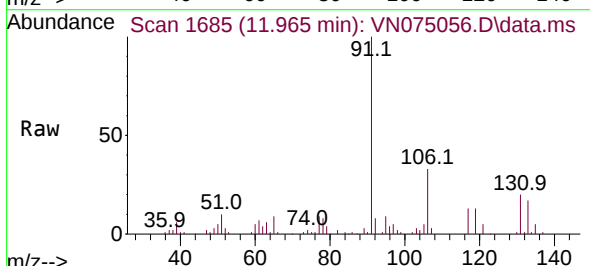
Manual Integrations
APPROVED

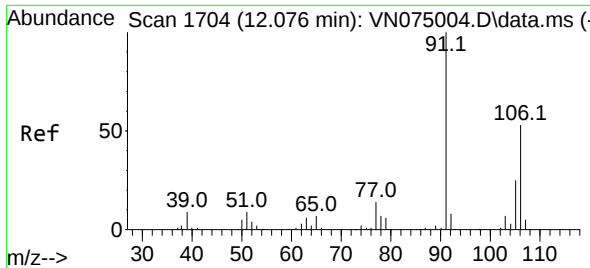
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
Ethyl Benzene
Concen: 19.885 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 91 Resp: 111029
Ion Ratio Lower Upper
91 100
106 32.6 24.0 36.0





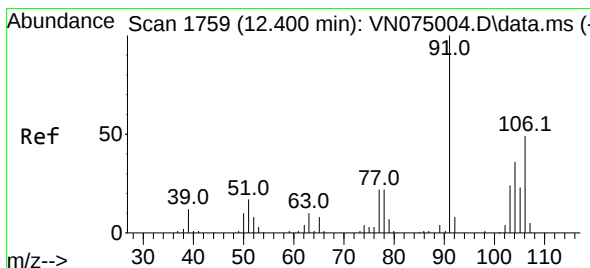
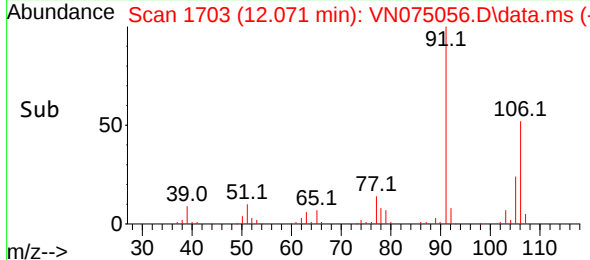
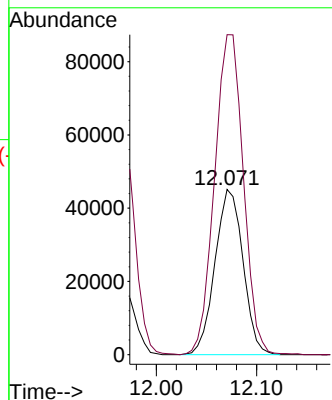
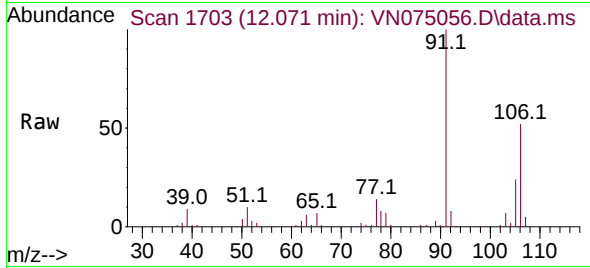
#67
m/p-Xylenes
Concen: 39.101 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion:106 Resp: 8755
Ion Ratio Lower Upper
106 100
91 199.4 162.9 244.3

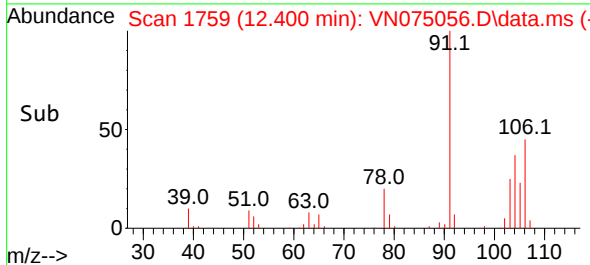
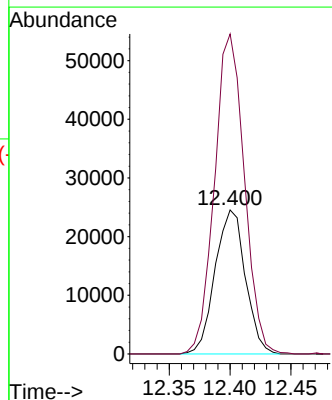
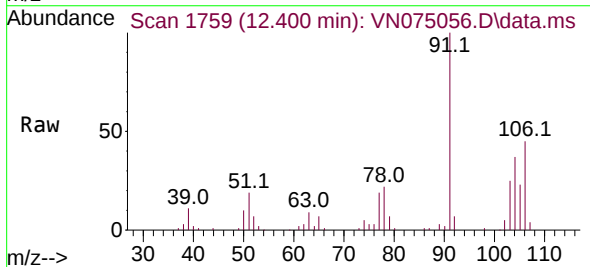
Manual Integrations
APPROVED

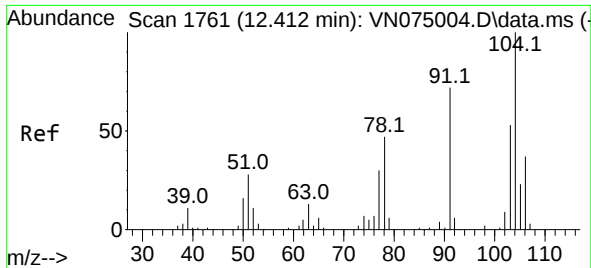
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
o-Xylene
Concen: 18.886 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion:106 Resp: 42509
Ion Ratio Lower Upper
106 100
91 218.6 107.7 323.1





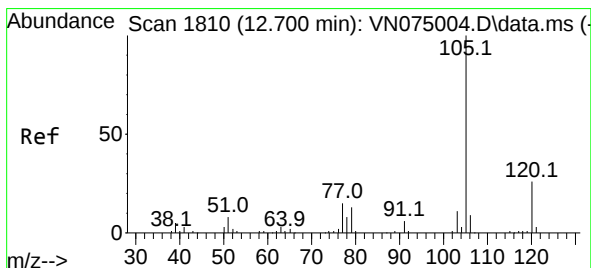
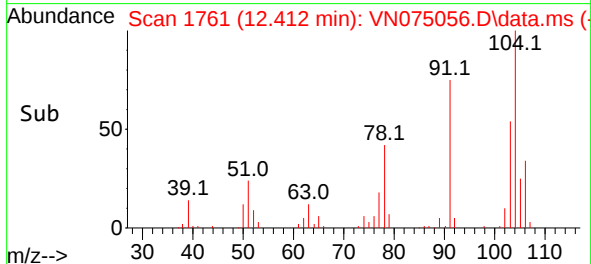
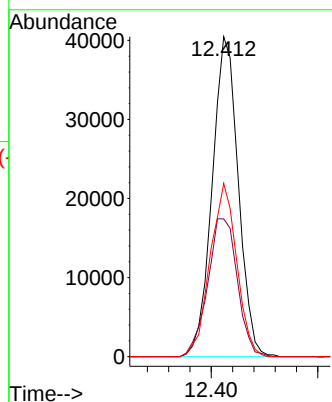
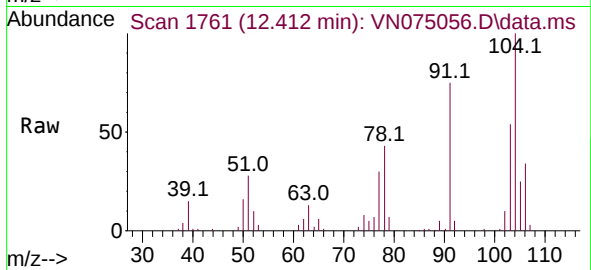
#69
Styrene
Concen: 18.698 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion:104 Resp: 68828
Ion Ratio Lower Upper
104 100
78 49.0 40.7 61.1
103 55.2 45.8 68.8

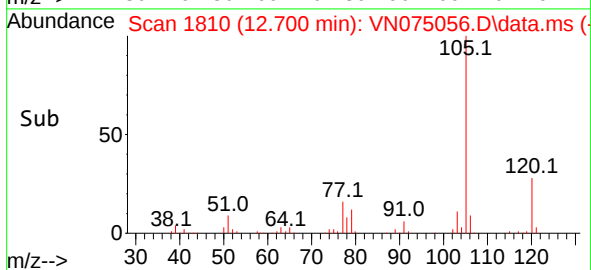
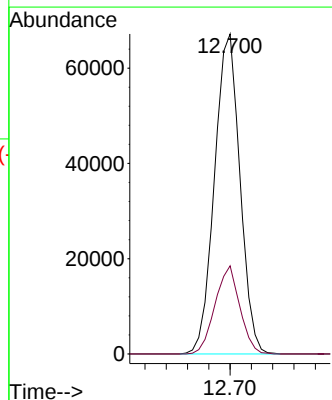
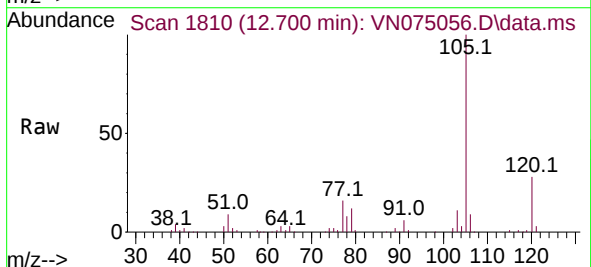
Manual Integrations
APPROVED

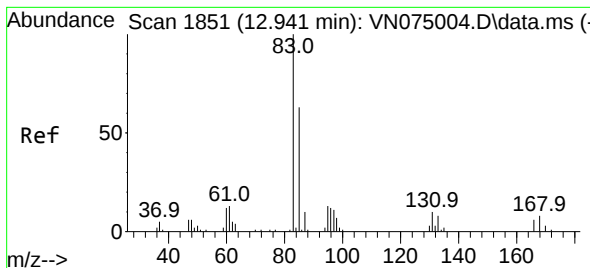
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Isopropylbenzene
Concen: 18.988 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

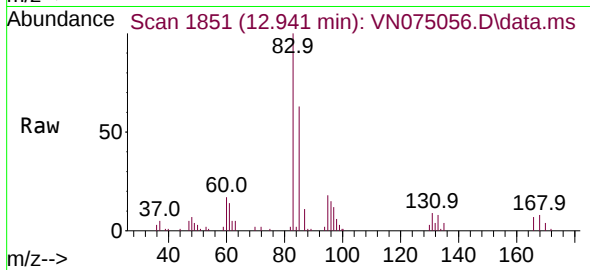
Tgt Ion:105 Resp: 111355
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.183 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

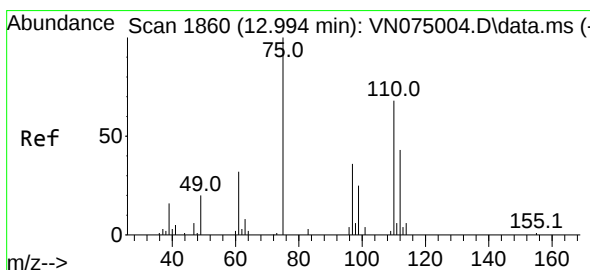
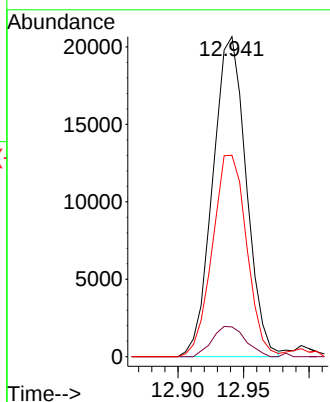
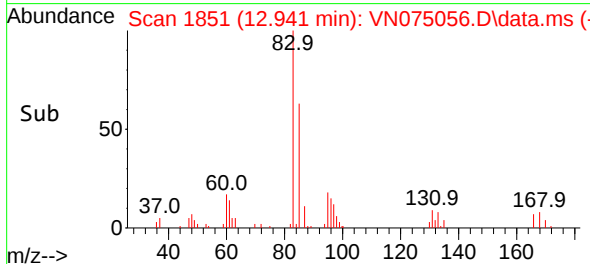
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



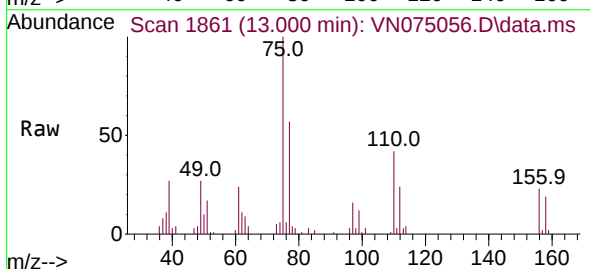
Tgt Ion: 83 Resp: 36640
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 64.5 33.1 99.2

Manual Integrations
APPROVED

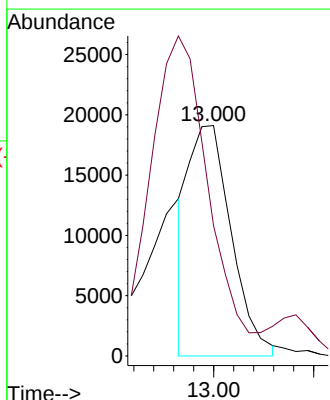
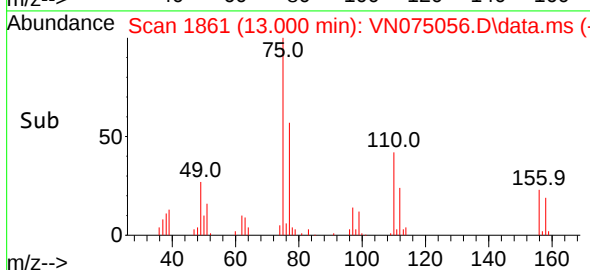
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

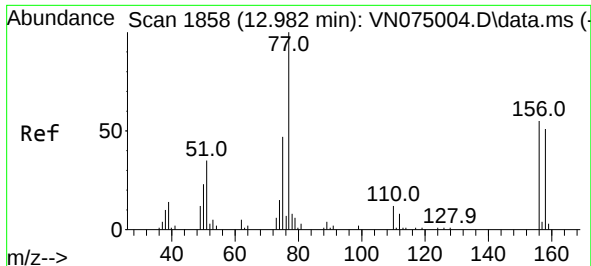


#72
1,2,3-Trichloropropane
Concen: 16.394 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



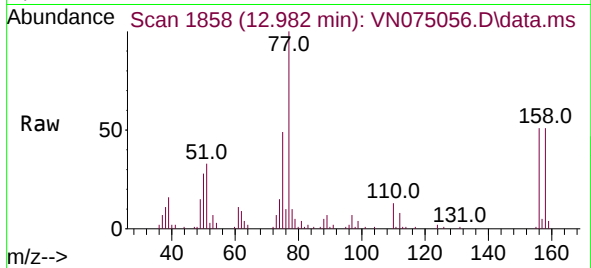
Tgt Ion: 75 Resp: 28439
Ion Ratio Lower Upper
75 100
77 189.9 0.0 378.0





#73
Bromobenzene
Concen: 18.461 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

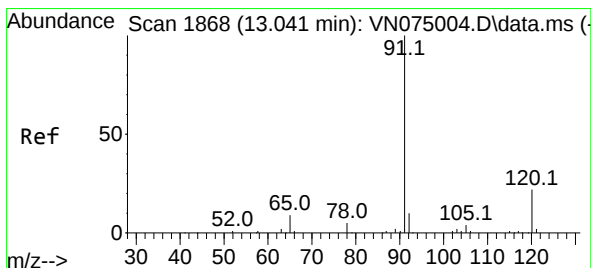
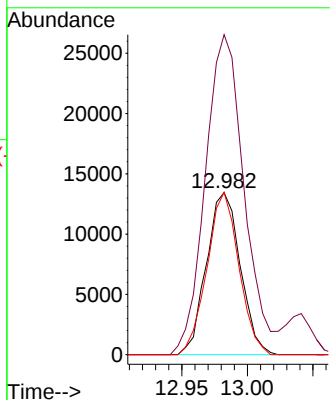
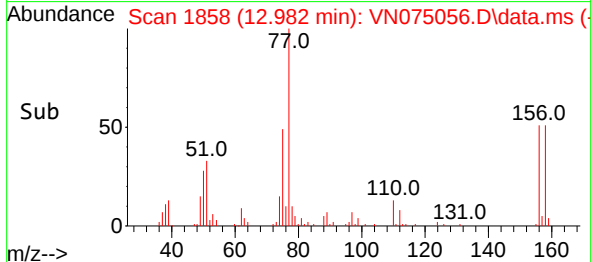
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



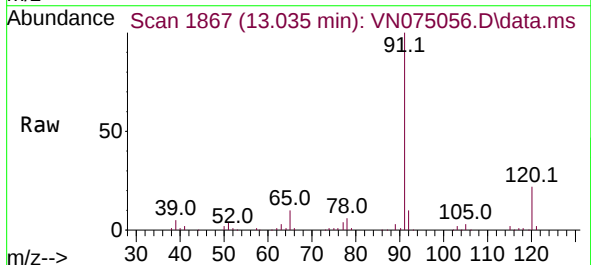
Tgt Ion:156 Resp: 24099
Ion Ratio Lower Upper
156 100
77 224.2 0.0 416.0
158 94.5 0.0 195.4

Manual Integrations
APPROVED

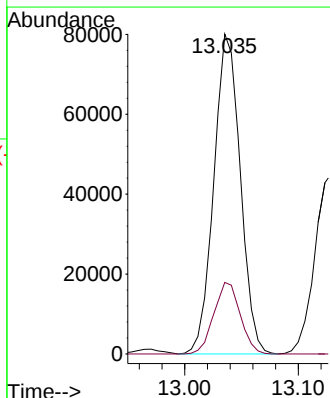
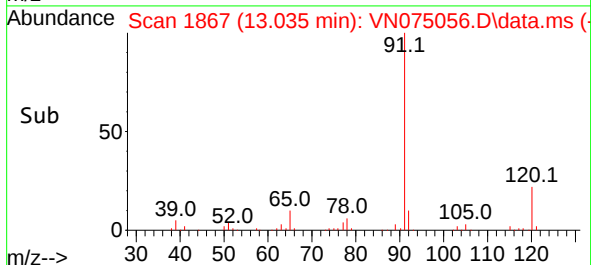
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

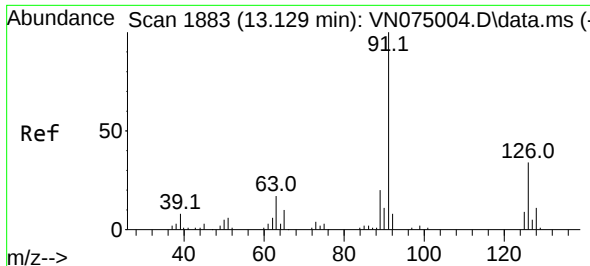


#74
n-propylbenzene
Concen: 19.750 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



Tgt Ion: 91 Resp: 129707
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0





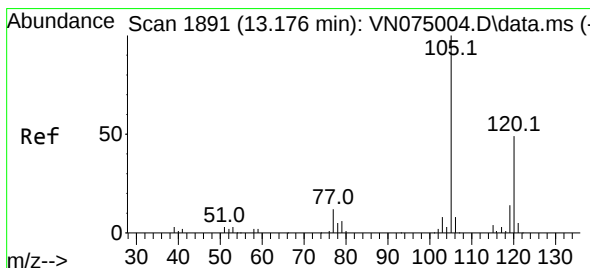
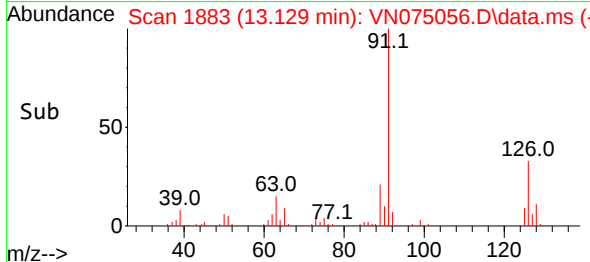
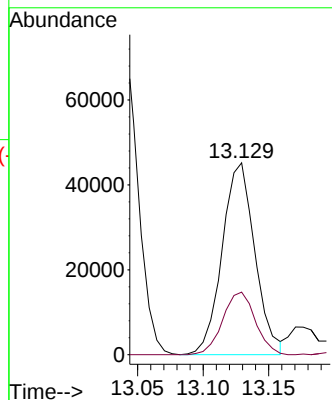
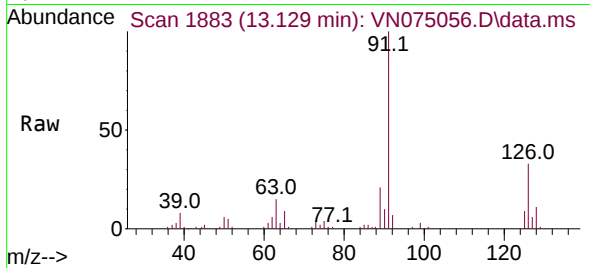
#75
2-Chlorotoluene
Concen: 19.649 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 91 Resp: 7853
Ion Ratio Lower Upper
91 100
126 32.5 0.0 69.8

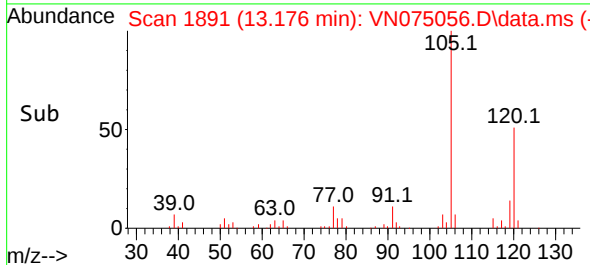
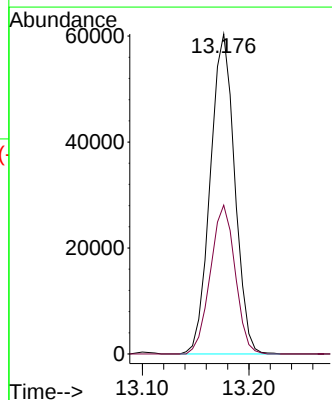
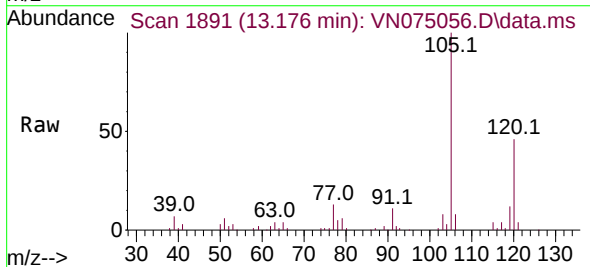
Manual Integrations
APPROVED

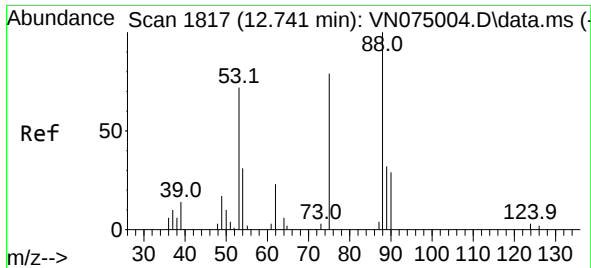
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.360 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

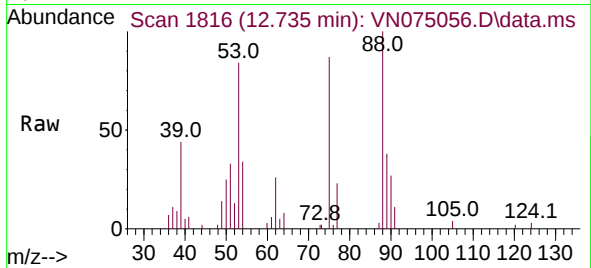
Tgt Ion:105 Resp: 96179
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.919 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

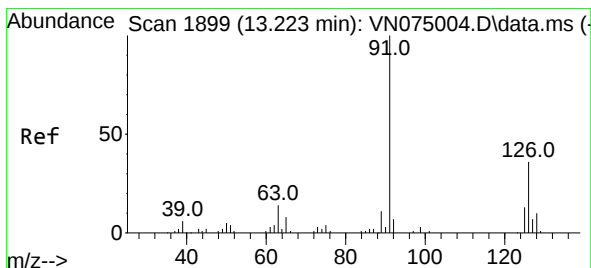
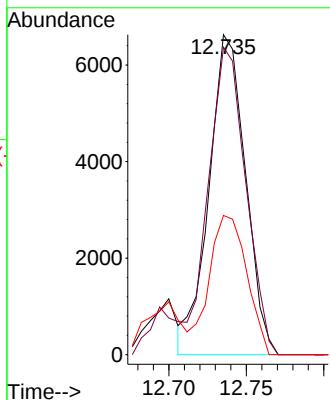
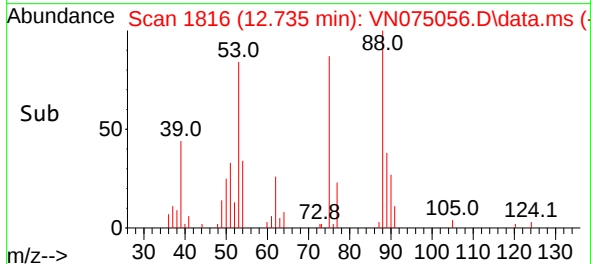
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



Tgt Ion: 75 Resp: 1085
Ion Ratio Lower Upper
75 100
53 96.1 51.8 155.5
89 43.5 22.9 68.7

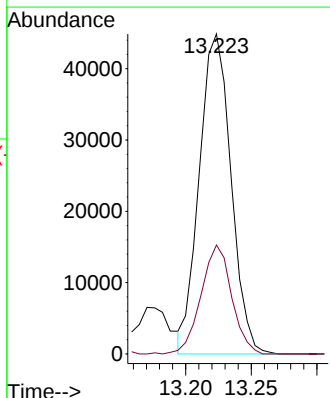
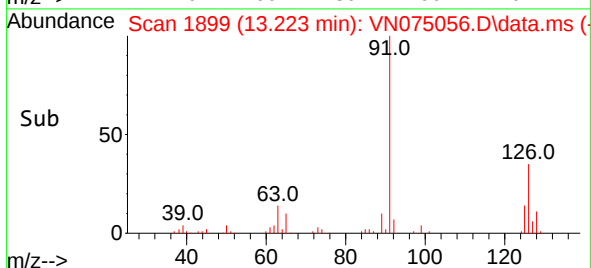
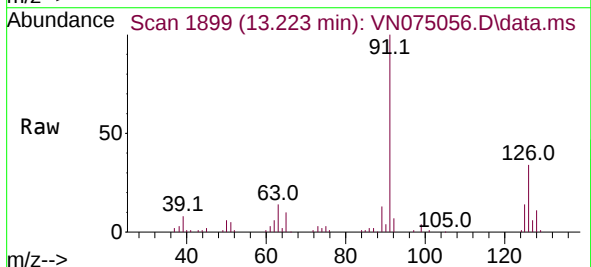
Manual Integrations
APPROVED

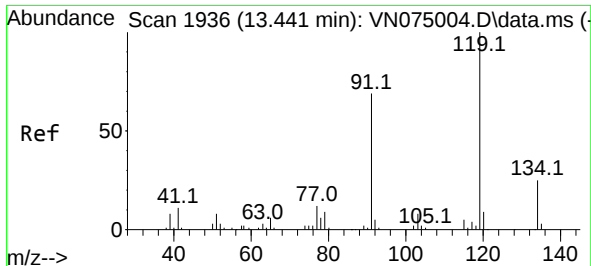
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
4-Chlorotoluene
Concen: 19.454 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 91 Resp: 75522
Ion Ratio Lower Upper
91 100
126 32.8 0.0 70.6





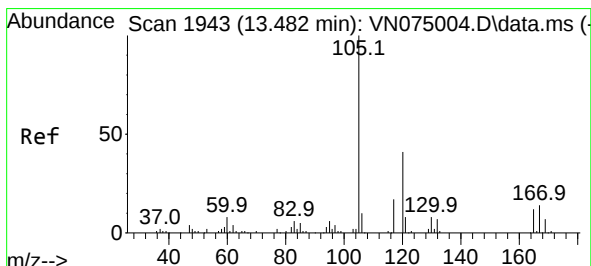
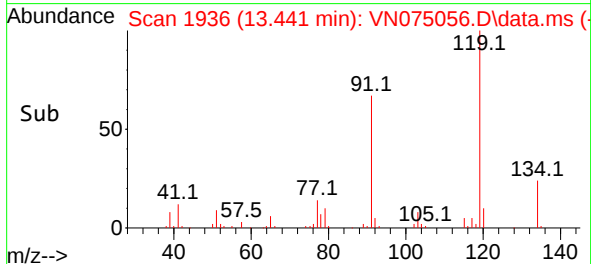
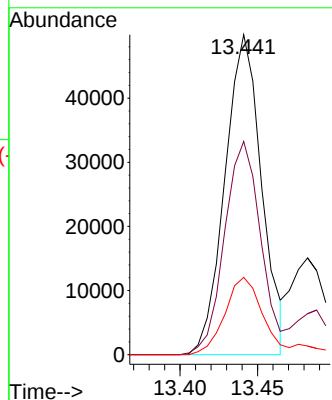
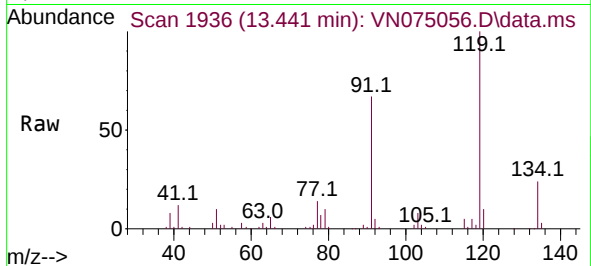
#79
tert-butylbenzene
Concen: 18.529 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion:119 Resp: 8219
Ion Ratio Lower Upper
119 100
91 65.6 0.0 137.0
134 24.7 0.0 47.6

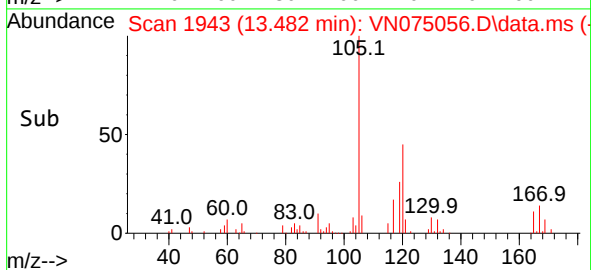
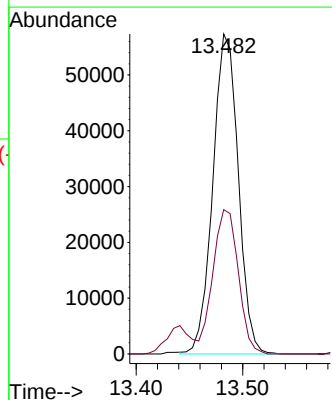
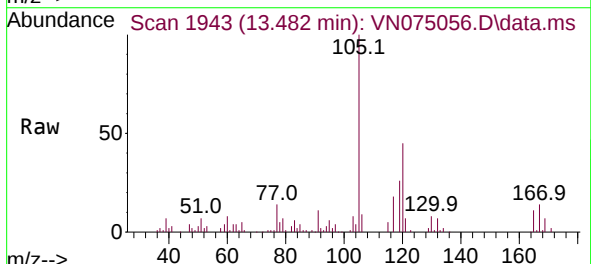
Manual Integrations
APPROVED

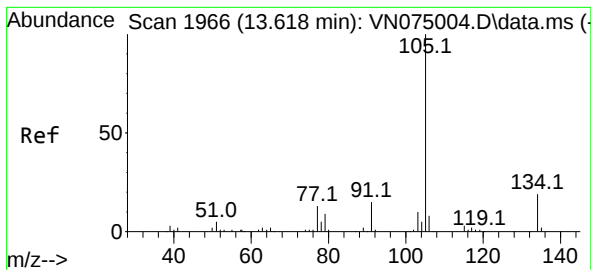
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.810 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion:105 Resp: 95055
Ion Ratio Lower Upper
105 100
120 44.8 0.0 0.2#





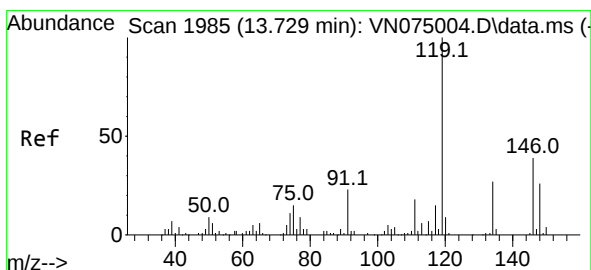
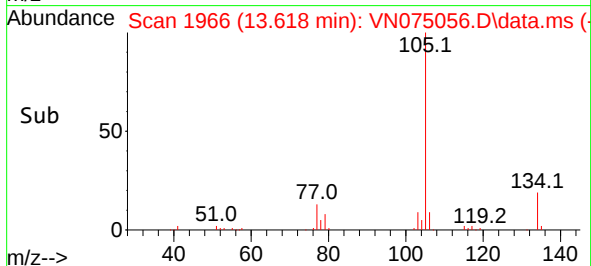
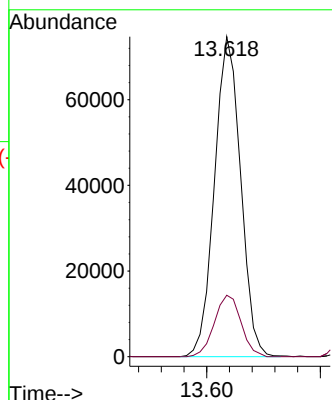
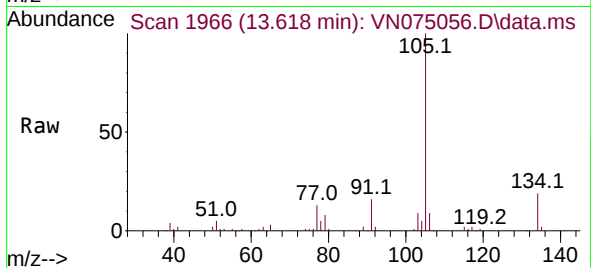
#81
 sec-Butylbenzene
 Concen: 19.138 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075056.D
 Acq: 28 Oct 2022 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Tgt Ion:105 Resp: 11934
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

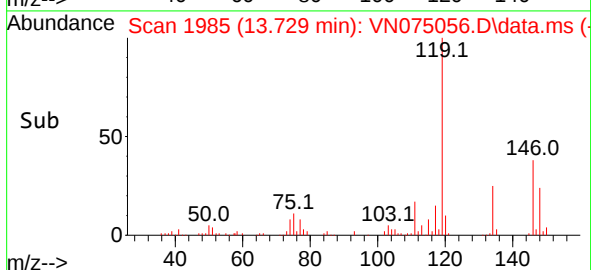
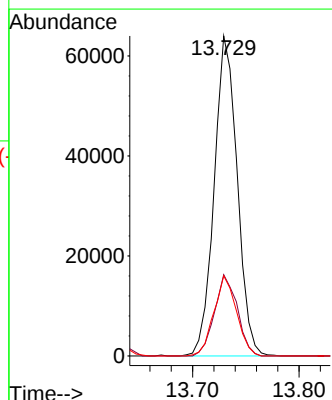
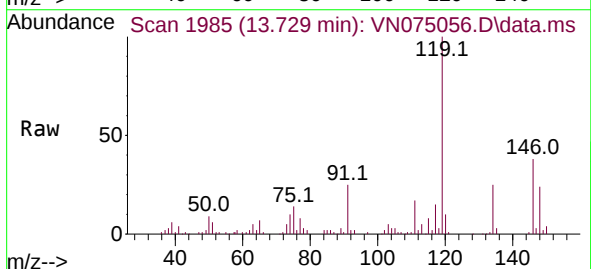
Manual Integrations
 APPROVED

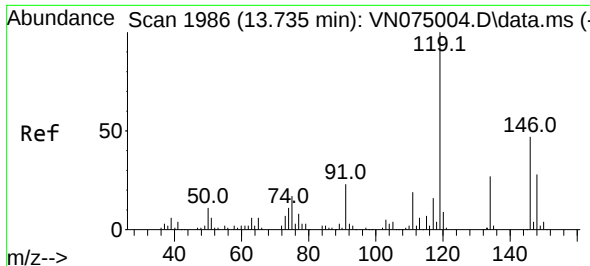
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#82
 p-Isopropyltoluene
 Concen: 18.277 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075056.D
 Acq: 28 Oct 2022 13:09

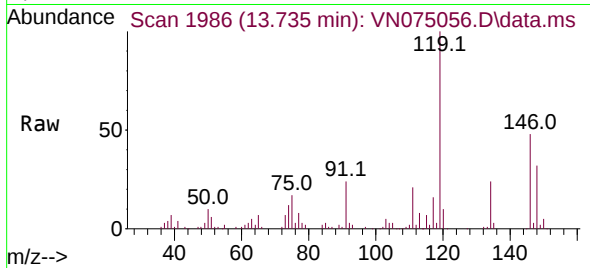
Tgt Ion:119 Resp: 96151
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 24.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 17.836 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

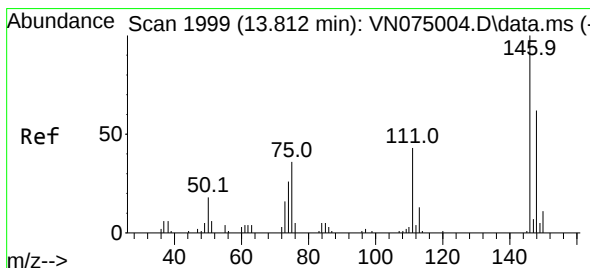
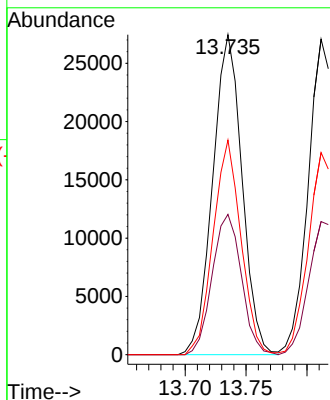
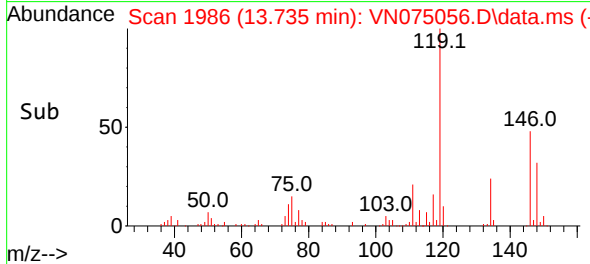
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



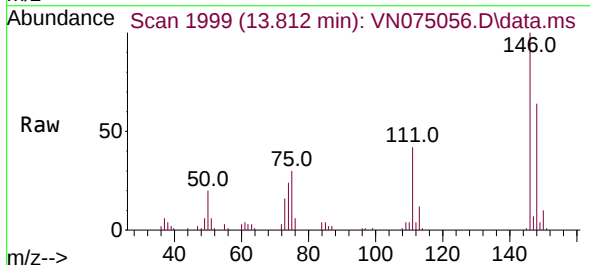
Tgt Ion:146 Resp: 4604
Ion Ratio Lower Upper
146 100
111 43.6 20.8 62.2
148 63.6 31.4 94.3

Manual Integrations
APPROVED

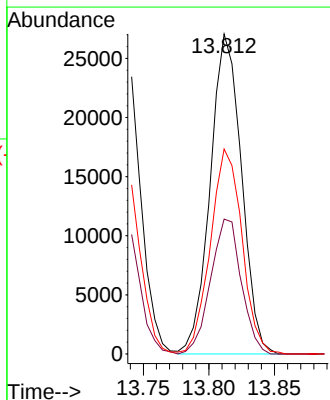
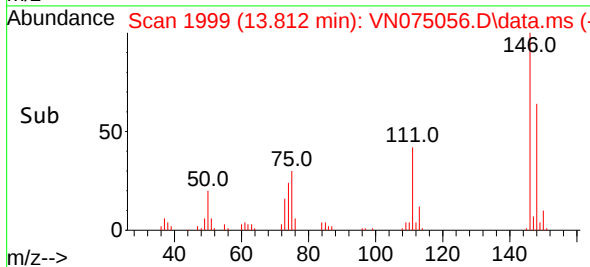
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

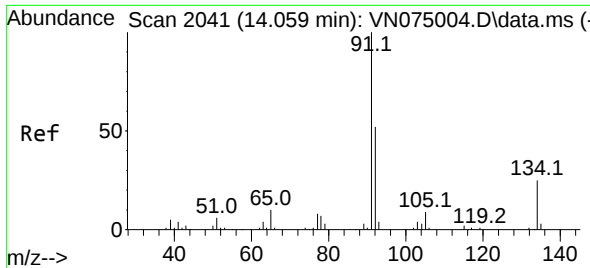


#84
1,4-Dichlorobenzene
Concen: 17.986 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



Tgt Ion:146 Resp: 44795
Ion Ratio Lower Upper
146 100
111 41.5 19.5 58.5
148 64.9 31.1 93.5





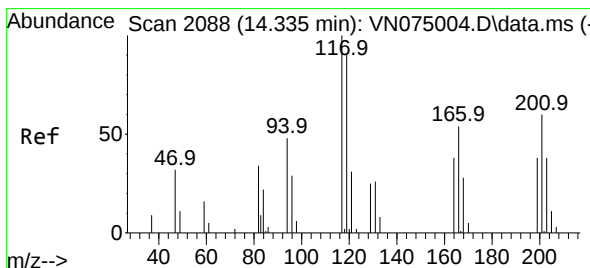
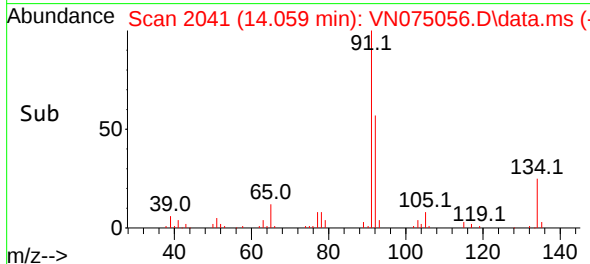
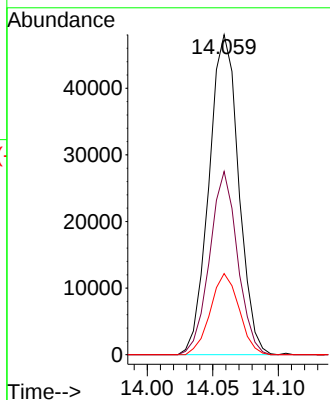
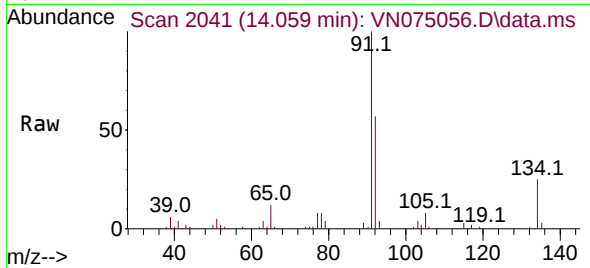
#85
n-Butylbenzene
Concen: 17.904 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tgt Ion: 91 Resp: 75540
Ion Ratio Lower Upper
91 100
92 53.8 0.0 100.6
134 24.5 0.0 50.2

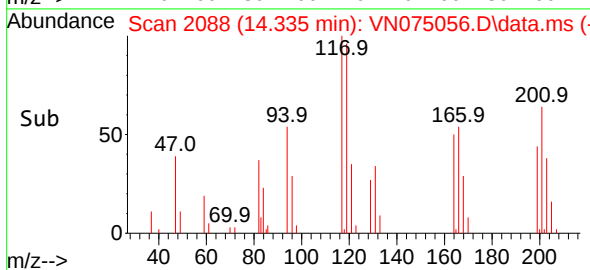
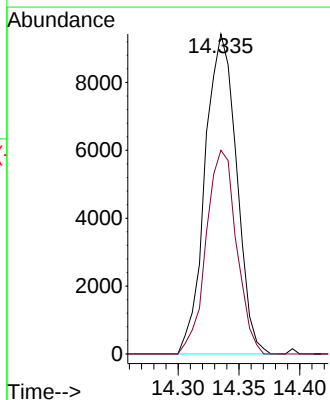
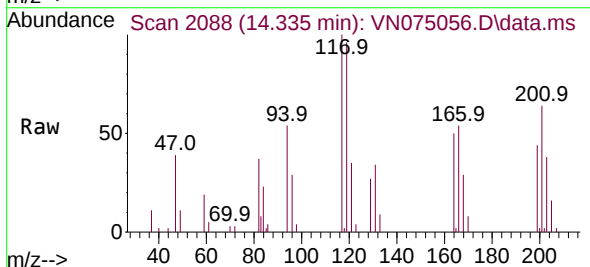
Manual Integrations
APPROVED

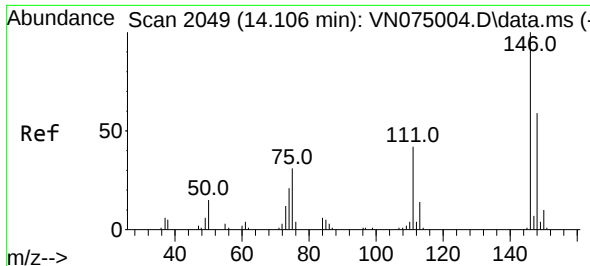
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#86
Hexachloroethane
Concen: 17.398 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

Tgt Ion:117 Resp: 16961
Ion Ratio Lower Upper
117 100
201 61.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.572 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

Tgt Ion:146 Resp: 4742

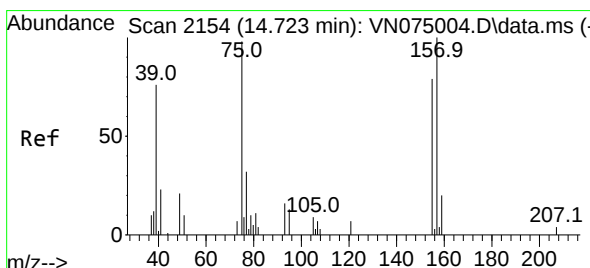
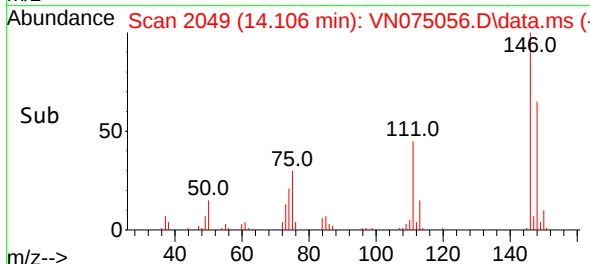
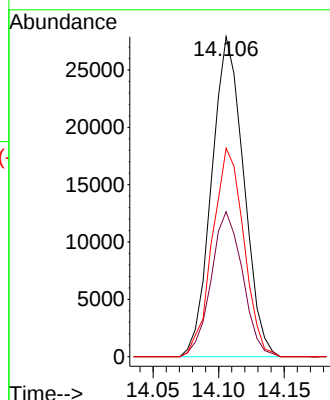
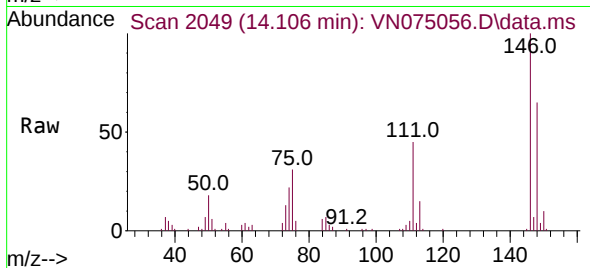
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.2
148	63.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.647 ug/l

RT: 14.717 min Scan# 2153

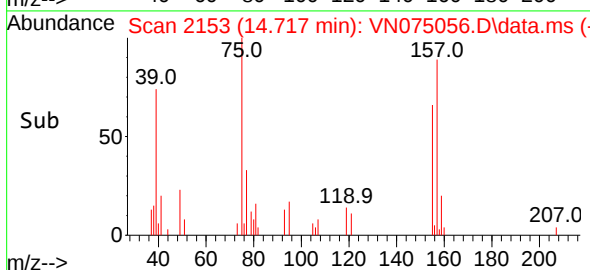
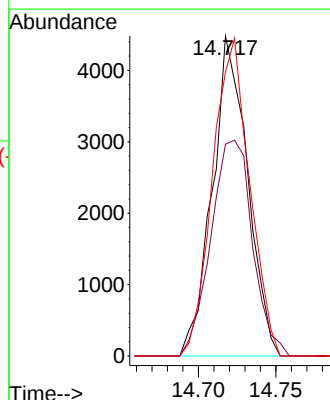
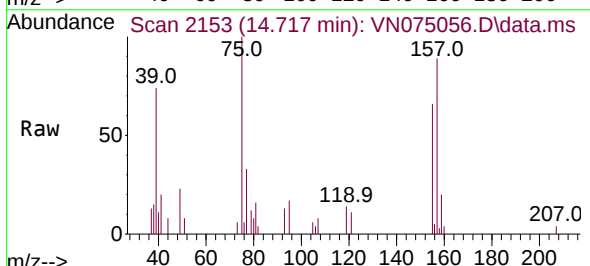
Delta R.T. -0.006 min

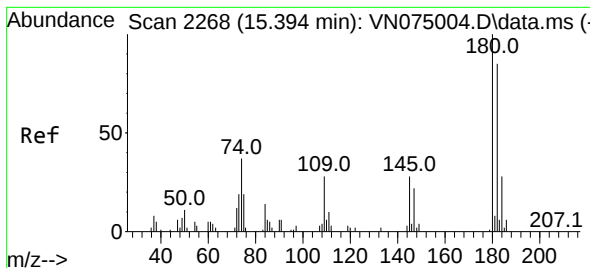
Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Tgt Ion: 75 Resp: 7086

Ion	Ratio	Lower	Upper
75	100		
155	79.3	63.8	95.8
157	104.1	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.502 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

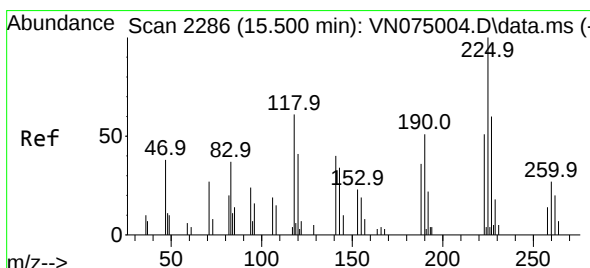
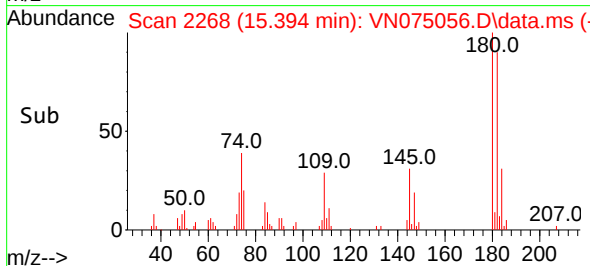
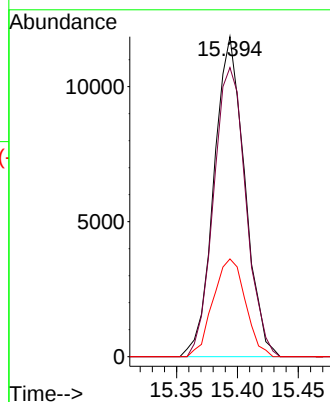
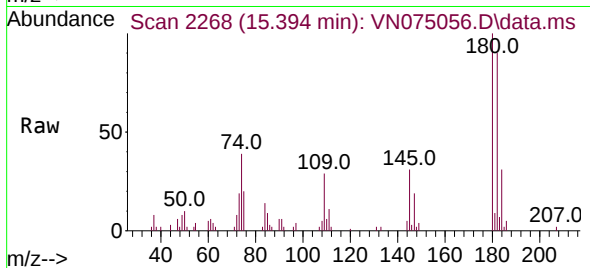
Tgt Ion:	180	Resp:	2086
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.7	116.5
145	32.0	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachlorobutadiene

Concen: 19.019 ug/l

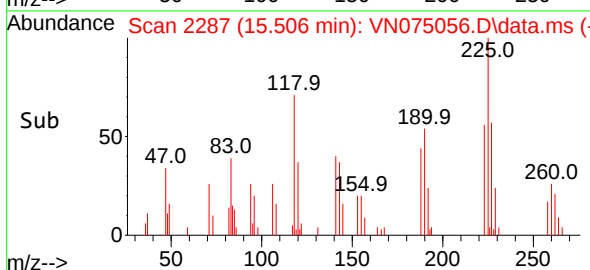
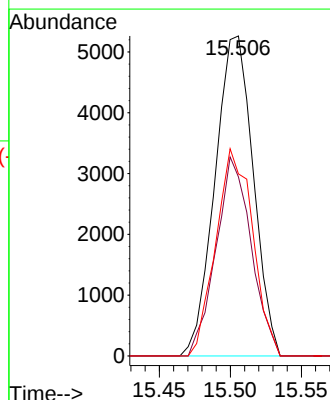
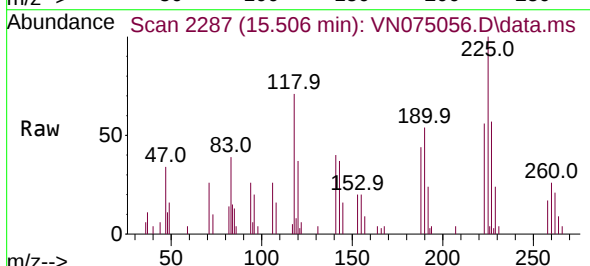
RT: 15.506 min Scan# 2287

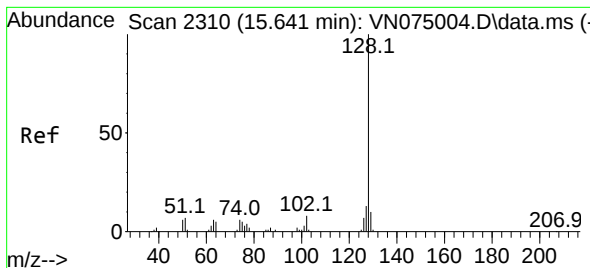
Delta R.T. 0.006 min

Lab File: VN075056.D

Acq: 28 Oct 2022 13:09

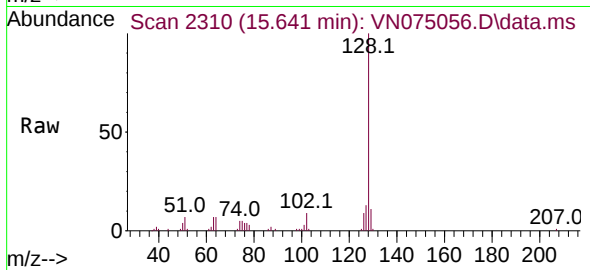
Tgt Ion:	225	Resp:	9865
Ion Ratio	Lower	Upper	
225	100		
223	57.1	0.0	126.8
227	62.2	0.0	123.0





#91
Naphthalene
Concen: 16.712 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09

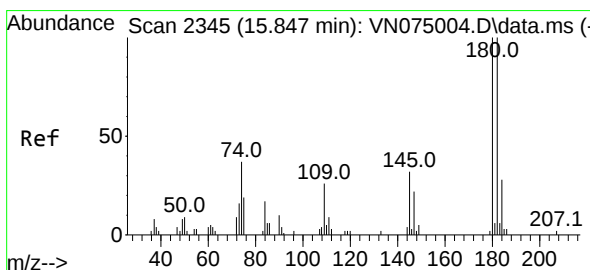
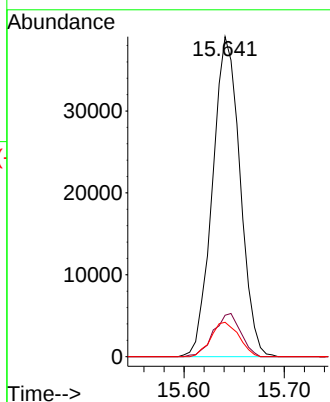
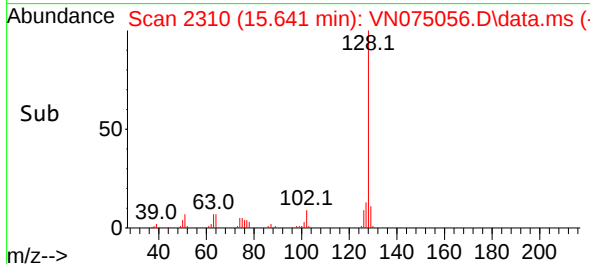
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01



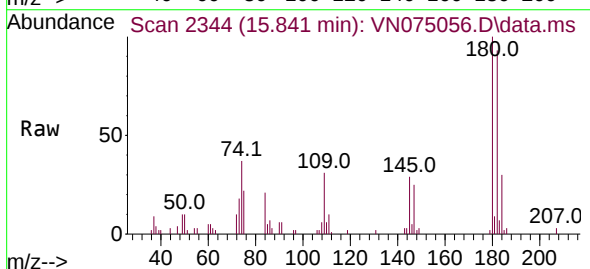
Tgt Ion:128 Resp: 74700
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.973 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075056.D
Acq: 28 Oct 2022 13:09



Tgt Ion:180 Resp: 20519
Ion Ratio Lower Upper
180 100
182 93.3 0.0 190.0
145 33.3 0.0 67.8

